BEST AVAILABLE COPY DEPARTMENT OF THE ARMY

U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE-NORTH 4411 LLEWELLYN AVENUE

FORT GEORGE G. MEADE, MARYLAND 20755-5225

MCHB-AN-IH (40-5f)

7 SEP 2001

MEMORANDUM FOR Commander, National Guard Readiness Center, Director of Army Aviation and Safety, ATTN: NGB-AVN-S, 111 South George Mason Drive, Arlington, Virginia 22294-1384

SUBJECT: Industrial Hygiene Study No. 55-NH-7069-01, Indoor Firing Range Evaluation, Fifth Regiment Armory, Maryland Army Nation Guard, Baltimore, Maryland, 23 April - 16 May 2001.

Copies of this report, with Executive Summary, are enclosed. For additional assistance please contact CPT Non-Responsive DSN 923-3698; or commercial (301) 677-3698].

Encl

LTC, MS Commanding

on-Responsiv

CF (w/encls):

HQDA (NGB-ARP-H)

HQDA (NGB-AVN-SI-N)

TAG, STATE OF MARYLAND, ATTN: OHN (3 cy)

CDR, MEDCOM, ATTN: MCHO-CL-W

CDR, AMEDDC&S, ATTN: MCHA-MP

CDR, NARMC

CDR, WRAMC, ATTN: MCHL-HO

CDR, USAMEDDAC, FGGM, ATTN: MCXR-PM

CDR, USACHPPM, ATTN: MCHB-TS-OFS

CDR, USACHPPM, ATTN: MCHB-CS-IDD

CDR, USACHPPM-SOUTH, ATTN: MCHB-AS-IH

CDR, USACHPPM-WEST, ATTN: MCHB-AW-IH

Readiness thru Health

U.S. Army Center for Health Promotion and Preventive Medicine



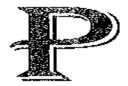






INDUSTRIAL HYGIENE STUDY NO. 55-NH-7069-01
INDOOR FIRING RANGE EVALUATION
FIFTH REGIMENT ARMORY
MARYLAND ARMY NATIONAL GUARD
BALTIMORE, MARYLAND
23 APRIL – 16 MAY 2001







Distribution limited to U.S. Government agencies only; protection of privileged information evaluating another command; 23 April – 16 May 2001. Requests for this document must be referred to Commander, National Guard Readiness Center, Director of Army Aviation and Safety, ATTN: NGB-AVNS-S, 111 South George Mason

Drive, Arlington, Virginia 22294-1384



Readiness Thru Health
FOIA Requested Record #J-15-0085 (MD)



BEST AVAILABLE COPY DEPARTMENT OF THE ARMY

U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE-NORTH 4411 LLEWELTYN AVENUE

FORT GEORGE G. MEADF, MARYLAND 20755-5225

EXECUTIVE SUMMARY INDUSTRIAL HYGIENE STUDY NO. 55-NH-7069-01 INDOOR FIRING RANGE EVALUATION FIFTH REGIMENT ARMORY MARYLAND ARMY NATIONAL GUARD BALTIMORE, MARYLAND 23 APRIL - 16 MAY 2001

- 1. PURPOSE. To assess the occupational health risks associated with the subject ranges and the range ventilation system effectiveness of the Fifth Regiment Armory indoor firing ranges.
- 2. CONCLUSIONS. This firing range is UNSAFE for use in its current condition. The firing range does not have sufficient ventilation to provide the minimum cross-sectional air velocities at the firing line. The design of the range produces turbulent airflow that can result in unacceptable exposures to lead. The ceiling of the range does not provide ballistic security, is not airtight and may not provide sufficient sound insulation. These shortcomings potentially endanger the occupants of the administrative space above.

RECOMMENDATIONS.

- Increase the volume of supply air provided to the range in order to produce a crosssectional air velocity of 50 to 75 feet per minute at the firing line.
- b. Replace the cinderblock and mortar plenum wall with perforated wallboard on a suitable framing system with a 6-10% free open area to evenly distribute air across the firing line.
- c. Electrically interlock the lights and ventilation system in order to insure proper ventilation during all range operations.
- d. Install additional baffling to prevent ricocheted bullets from penetrating the wooden ceiling. Seal the ceiling to prevent introduction of air in front of the firing line.
- e. Evaluate the impulse noise in the office space above in order to determine what engineering or administrative controls are necessary to prevent occupational noise exposure.
 - f. Refinish the floors so that they provide a level, smooth, dense, airtight surface.
- g. Implement the engineering and administrative controls outlined in paragraph six of this report.

Readiness thru Health



BEST AVAILABLE COPY DEPARTMENT OF THE ARMY

U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE-NORTH 4411 LLEWELLYN AVENUE

FORT GEORGE G. MEADE, MARYLAND 20755-5225

MCHB-AN-IH (40-5f)

7 SEP 2001

INDUSTRIAL HYGIENE STUDY NO. 55-NH-7069-01
INDOOR FIRING RANGE EVALUATION
FIFTH REGIMENT ARMORY
MARYLAND ARMY NATIONAL GUARD
BALTIMORE, MARYLAND
23 APRIL - 16 MAY 2001

- 1. REFERENCES. See Appendix A.
- 2. AUTHORITY. U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Form 250-R, National Guard Bureau (NGB), 7 April 1998.
- 3. PURPOSE. To assess the occupational health risks associated with the subject ranges and the range ventilation system effectiveness of the Fifth Regiment Armory indoor firing ranges.
- 4. GENERAL.
 - a. Personnel Contacted. See Appendix B.
- b. <u>Survey Personnel</u>. CPT Non-Responsive Environmental Science Officer, and Mr. Non-Responsive Environmental Health Technician, from the Industrial Hygiene Division, this Activity, conducted this survey.
 - Background.
- (1) This survey was conducted at the request of Ms Non-Responsive Regional Industrial Hygienist, NGB, Havre de Grace, Maryland.
- (2) Renovations to the ranges were completed in 2000. The Maryland Army National Guard (MDARNG) has not used the ranges since the renovations.
- 5. GENERAL PROCEDURES.
 - a. Assessment Criteria. Indoor firing range ventilation criteria are delineated in

Readiness thru Health

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

Memorandum, National Guard Bureau, Aviation and Safety, Subject: (All States Log Number P00-0059) Army National Guard (ARNG) - Policy and Responsibilities for Inspection, Evaluation, and Operation of ARNG Indoor Firing Ranges (IFR); Plate VS-99-04, page 10-176, of the Industrial Hygiene Ventilation Manual; and NGR 385-15 (references 1, 2, and 3, respectively).

b. <u>Calibration</u>. All ventilation instruments used in this study were calibrated against National Institute of Standards and Technology-traceable instruments in accordance with manufacturers' and USACHPPM procedures.

c. Methodology.

- (1) Ventilation. All ventilation measurements were obtained using a calibrated, precision, heated-wire, digital anemometer. Ventilation was evaluated as specified in references 2 and 3. Ventilation smoke canisters provided visual assessment of airflow patterns and ventilation exhaust effectiveness. Firing line measurements were taken at each firing point at levels representing the approximate heights of the firers' breathing zones (BZ) when firing from the standing, kneeling, and prone position.
- (2) Sampling. No wipe samples were collected because the range has not been used for firing since it was renovated; therefore, no surface contamination is expected. Since the range is designated UNSAFE for use in its current condition, no weapons firing took place; therefore, no air samples were collected.

6. FINDINGS AND DISCUSSION

a. <u>Description</u>. The firing ranges are located in the basement of the Fifth Regiment Armory along the southwest wall. The range located in the southern corner will hereafter be referred to as "Range 1". The range situated north of Range 1 will hereafter be referred to as "Range 2". The firing positions are numbered 1 through 5 in each range. The walls of the range are made of brick and mortar. The plenum walls are made of concrete masonry units with five openings per wall. Each opening is covered with a sheet of perforated metal. The openings are located directly behind each firing position. The plenum wall measures 19 feet, 2 inches wide, and 8 feet high. The exhaust ducts are located behind the backstops. Fans located on the roof of the armory provide the exhaust for each range. Fans located in a utility room between the two ranges supply the make-up air for each range. Make-up air is directed into the plenum, located behind the firing line, distributed through the perforated portions of the plenum wall, and subsequently moved downrange. The firing line is 23 feet wide and 8 feet high.

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April – 16 May 2001

The downrange area is 27 feet wide, and 12 feet, four inches high, to the wooden ceiling.

b. Ventilation.

- (1) Finding. The volume of air provided by the fans is not sufficient to provide an air velocity of 50-75 feet per minute at the firing line, as required by references 1, 3, and 4. Indoor firing range ventilation should be designed to move the contaminants produced by discharged weapons away from the personnel firing the weapons. Inadequate ventilation may result in an overexposure to lead and other contaminants. The velocity of the air moving across the firing lines in Range 1 averaged 42.7 feet per minute (FPM) with average lane velocities ranging from 26.1 to 61.7 FPM (a lane is the designated width of one firing position, extended from the firing line to the bullet trap.) The velocity of the air moving across the firing lines in Range 2 averaged 32 FPM with average lane velocities ranging from 3.1 to 49.9 FPM. See Appendix C for tabulated air velocity measurements. Observation of air currents through smoke testing confirmed zones with little to no air movement and retrograde air movement at the firing line in lanes 1 and 5, Range 1; and lanes 2, 3, and 4, Range 2. Smoke testing also demonstrated turbulent air movement from the firing lines to the bullet backstop, as well as areas of stagnant air. This poor air movement may be caused by both the insufficient air velocity provided by the supply fans and by air leaking into the range through the ceilings as discussed in paragraph 6e, below. Even if a standard plenum wall is installed, the volume of air produced by the fans will only provide an average velocity at the firing lines of 37.2 FPM and 33.0 FPM in Ranges 1 and 2 respectively (see Appendix D for calculations).
- (2) Recommendation. Increase the volume of air moving across the firing line in the Ranges by adjusting the fans or replacing them with larger capacity units. The fans must produce between 9,200 and 13,800 cubic feet per minute (CFM) in order to produce the required 50-75 FPM across the 153 square foot cross section at the firing line.

c. Plenum.

(1) Finding. The design of the plenum walls increase turbulence across the firing lines. Airflow should be laminar, as required by NGR 385-15, reference 3. Turbulent and retrograde airflow increase the potential for exposure to lead and other contaminants from discharged weapons. Observation of air currents through smoke testing confirmed zones with little to no air movement at the firing line. The plenum walls have five openings located behind the firing lines. These openings

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

are covered with perforated metal with a 50% open area. There are metal louvers behind the metal grill used to control airflow. The ACGIH Vent Manual (reference 2) specifically recommends against grills and diffusers in the plenum wall. The CEHND 1110-1-18 (reference 4) requires that "the supply air plenum wall extends from floor to ceiling and covers the full width of the range. The plenum wall can be designed from various material (including perforated hardboard, perforated metal, etc.) on a suitable framing system."

(2) Recommendation. Replace the cinderblock plenum wall with perforated wallboard on a suitable framing system so that the wall has 6-10% free open area to evenly distribute air across the firing line.

d. Interlock.

- (1) Finding. The lights and ventilation are not electrically interlocked, as required by NGR 385-15 (reference 3) and CEHND 1110-1-18 (reference 4). Ranges should be designed to afford maximum protection against lead exposure by electrically interlocking the supply and exhaust ventilation system with the range lights. This interlock also ensures that the ventilation system is activated during firing and range cleanup.
- (2) Recommendation. Electrically interlock the lights and ventilation system in order to insure proper ventilation during all range operations.

e. Ceiling.

- (1) Finding. The ceiling of the range does not provide ballistic security, as required in CEHND 1110-1-18 (reference 4). The ceiling of the range is the wooden sub-floor for the office space above the range (see Figure 1, Appendix E). The range is equipped with ¼-inch mild sheet steel baffles along the ceiling; however, these baffles may not prevent ricocheted shots from striking and possibly penetrating the ceiling. Additionally, the wooden sub-floor may not provide adequate sound insulation for the occupants of the office space from the impulse noise below. Moreover, the ceiling may contribute to the turbulent airflow by introducing air into the range in front of the firing line.
- (2) Recommendations. Install additional baffles to prevent ricocheted bullets from penetrating the wooden ceiling. Seal the ceiling to prevent introduction of air in front of the firing line. Evaluate the impulse noise in the office space above the ranges in order to determine what engineering or administrative

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

controls are necessary to prevent occupational noise exposure to the office spaces' occupants.

f. Floor.

- (1) Finding. The range floors are not dense, smooth surfaces, as required by CEHND 1110-1-18 (reference 4). The floors in the ranges have metal covers over pipe-chases that are not even with the floors and thus present ricochet hazards (see Figure 2, Appendix E). Additionally, the pipe chases are not airtight and the negative pressure from the ranges draws air from the outside. These air currents interfere with the laminar flow of air from the firing lines to the bullet traps. This is especially noticeable at firing position five, Range 2, where a 4 x 4½-inch gap in the floor sends a strong current of air perpendicular to the desired airflow (see Figures 3 and 4, Appendix E). The floor also has uneven 1½-inch seams that present ricochet hazards (see Figure5, Appendix E). Additionally, the bottom of the bullet-stop is not even with the floor. This exposed metal surface also presents ricochet hazards (see Figure 6, Appendix E).
- (2) Recommendations. Seal off the pipe-chases and re-finish the floors so that they have dense smooth surfaces that are level with the bottoms of the bullet stops. If this is not feasible, re-fit the covers to the pipe-chases so that no gaps exist and fill the seams in the floors so that a smooth dense surface is provided. Fill the gaps at the bottoms of the bullet stops so that the angles of the bullet stops are continued to points level with the floors.

g. Walls.

- (1) Finding. The northeast walls of both ranges expand at an approximately 45-degree angle from the renovated walls at the firing lines to the original range walls. Smoke testing confirmed that this configuration currently creates retrograde air-currents immediately next to the firing lines. These eddies could potentially cause lead exposure hazards to persons occupying adjacent firing positions.
- (2) Recommendation. Extend the cinderblock walls the length of the ranges.

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

h. Exhaust (Range 2).

- (1) Finding. The exhaust system for Range 2 displayed a clogged filter warning light. Visual inspection of the filter did not reveal buildup on the filter, indicating a malfunctioning sensor.
- (2) Recommendation. Repair or replace the sensor associated with the clogged filter light.

i. Illuminated Warning Signs.

- (1) Finding. The ranges do not have illuminated warning signs, interlocked with the range ventilation switch and located outside of the firing range to alert individuals that the range is in use, as required by reference 1.
 - (2) Recommendation. Install illuminated warning signs as described above.
- 7. CONCLUSIONS. This firing range is UNSAFE for use in its current condition. The firing range does not have sufficient ventilation to provide the minimum cross-sectional air velocities at the firing line. The design of the range produces turbulent airflow that can result in unacceptable exposures to lead. The ceiling of the range does not provide ballistic security, is not airtight and may not provide sufficient sound insulation. These shortcomings potentially endanger the occupants of the administrative space above.
- 8. FURTHER EVALUATION. Once the engineering controls described in this report are in place, the range must undergo further evaluation. The ventilation must be reassessed in order to gage the effectiveness of the engineering controls. Additionally, administrative controls described in references 1, 3, and 4 must be implemented in order to ensure safe range operation. Once these controls are in place, personal and area monitoring must be performed in order to confirm the ranges' safe and healthful operation.
- 9. ADDITIONAL ASSISTANCE. Additional direct support in the fields of pest management, pesticide risk management, water supply management, wastewater management, hazardous waste management, ergonomic evaluation, worksite hazards management, sanitation and hygiene, and installation industrial hygiene

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

management is available, and may be requested from USACHPPM, DSA-North, at DSN 923-6502 or commercial (301) 677-6502.



APPROVED:

Non-Responsive

Chief, Industrial Hygiene Division

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

APPENDIX A

REFERENCES

- 1. Memorandum, National Guard Bureau, Aviation and Safety, NGB-ARP-H, 1 October 1999, subject: (All States Log Number P00-0059) Army National Guard (ARNG) Policy and Responsibilities for Inspection, Evaluation, and Operation of ARNG Indoor Firing Ranges (IFR).
- 2. Industrial Ventilation, A Manual of Recommended Practice, 24th Edition, American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio, 2001.
- 3. National Guard Regulation 385-15 (Draft), Policy and Responsibilities For Inspection/Evaluation and Use of National Guard Indoor Firing Ranges, 10 June 1998.
- 4. US Army Corps of Engineers, Design Manual for Indoor Firing Range, CEHND 1110-1-18, June 1990.

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

APPENDIX B

PERSONNEL CONTACTED

- 1. COLNon-Responsive Director of Facilities Engineering, MDARNG.
- 2. LTC Non-Responsive Assistant Director of Facilities Engineers, MDARNG.
- 3. CPT Non-Responsive Environmental Program Manager, MDARNG.
- 4. CW1 Non-Responsive State Safety Manager, MDARNG.
- 5. Ms. Non-Responsive Regional Industrial Hygienist, NGB, Havre de Grace, Maryland.

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

APPENDIX C

MEASUREMENTS

| / | — Supp | oly Rang | ge 1 | | | |
|-------------------------|-----------|----------|---------------|--------------|-------|-------|
| Grate → | | 1 | 2 | 3 | 4 | 5 |
| Reading ↓ | | (FPM") | (F <u>PM)</u> | (FPM) | (EPM) | (FPM) |
| | _1 | 244 | . 66 | 309 | 397 | 291 |
| | . 2 | 307 | 50.5 | 270 | 342 | 226 |
| | 3 | 272 | 241 | 212 | 331 | 116 |
| L | 4 | 268 | 222 | 190 | 527 | 109 |
| | 5 | 172 | 105 | 151 | 97.3 | 566 |
| | 6 | 71.7 | 240 | 164 | 369 | 862 |
| | 7 | 59.6 | 630 | 221 | 525 | 749 |
| | 8 | 60.1 | 758 | 310 | 26.5 | 545 |
| | 9 | 403 | 650 | 57.3 | 33.1 | 201 |
| | 10 | 509 | 217 | 331 | 312 | 508 |
| | 11 | 318 | 256 | 364 | 395 | 478 |
| | 12 | 538 | 241 | 539 | 75.1 | _ 516 |
| | 13 | 437 | 1 <u>61</u> | 46.8 | 84.1 | 179 |
| | 14 | 405 | 271 | 2 <u>9</u> 2 | 380 | 339 |
| - | 15 | 351 | 225 | 317 | 310 | 406 |
| | 16 | 427 | 594 | 497 | 163 | 475 |
| Average Velocity | <u> </u> | 303 | 308 | 267 | 273 | 410 |
| Open Area (ft²) | | 4.39 | 4.39 | 4.39 | 4.39 | 4.39 |
| Air Flow (CFM*') | | 1328 | 1351 | 1171 | 1198 | 1801 |
| Total Air Flow (CFM) | | | | | | 6849 |
| Calculated Air Velocity | •• | | | | _ | 37.2 |

Table 1. Supply Air, Range 1.

^{*} FPM = Feet Per Minute.

[&]quot; CFM = Cubic Feet Per Minute.

[&]quot;The calculated air velocity is the theoretical maximum evenly distributed air velocity across the firing line for the given volume of air produced by the supply fans.

| | | | Firing Lir | nes Range | 1 | | |
|---------------|----------|---------|------------|-----------|--------------|-------------|-------|
| Lane → | | | 1 | 2 | 3 | 4 | 5 |
| Roading ↓ | | | (FPM*) | (EPM) | (PPM) | (FPM) | (FPM) |
| | 6 | 1 | 0.0 | 0.0 | <u>79.2</u> | 30.5 | 39.6 |
| | Standing | 2 | 35.3 | 59.2 | 83. 9 | 77.1 | 0.0 |
| | က် | 3 | 0.0 | 99.1 | 7 <u>5.2</u> | 75.2 | 37.3 |
| | 8 | 4 | 34.3 | 31.7 | 74.1 | 37.9 | 21.2 |
| | Kneeling | 5 | 0.0 | 62.1 | 73.7 | 36.5 | 41.9 |
| | 호 | 6 | 98.2 | 64.8 | 67.6 | <u>53.1</u> | 20.3 |
| | | 7 | 22.3 | 72.6 | 59.3 | 0.0 | 69.1 |
| | Prone | 8. | 71.3 | 82.4 | 55.2 | 73.8 | 26.1 |
| | _ | 9 | 36.2 | 68.9 | 46.1 | 26,4 | 0.0 |
| Average Veloc | itγ | (Lane) | 29.9 | 54.3 | 61.7 | 41.5 | 26.1 |
| Average Voloc | ity | (Range) | | | | | 42.7 |

Table 2. Firing Line Air Velocity, Range 1.

| | | | | | | | |
|-------------|----------|-------------|------------|-----------|-------------|-------|-------|
| <u>.</u> | | Dowi | n-Range M | easuremer | its Range 1 | | |
| Lane → | | | 1 | 2 | 3 | 4 | 5 |
| Reading ↓ | | | (EPM) | (FPM) | (FPM) | (FPM) | (FPM) |
| | ρū | 1 | 80.5 | 52.7 | 54 | 75.3 | 61.5 |
| İ | Standing | . 2 | 70.5 | 73.8 | 33,1 | 55.9 | 52.9 |
| | ŝ | 3 | 67.5 | 51.9 | _43.9 | 54.9 | 59 |
| | ŋ | 4 | 62.2 | 86.6 | 64,4 | 55.7 | 38.7 |
| | Kneeling | | 66.7 | 67.7 | 82.8 | 79.3 | 86.9 |
| | ᆇ | 6 | 66.5 | 70 | 58.8 | 68,5 | 25 |
| | ab. | 7 | 4 4 | _ 70 | 34.3 | 97.5 | 55.5 |
| | Prone | . В | 46.3 | 70.5 | 79.5 | 71.3 | 43.4 |
| | | 9 | 52 | 68.8 | 82.7 | 68.1 | 52.1 |
| Average Vel | ocity | (Lane) | 61.8 | 68 | 59.28 | 69,61 | 52.78 |
| Average Val | ocity | (Range) | | | | | 62.3 |

Table 3. Air Velocity at Bullet Stop, Range 1.

^{&#}x27;FPM = Feet Per Minute.

| Exhaust Rang | ge 1 | |
|------------------------------|--------|-------|
| Grate → | 1 _ | 2 |
| Reading ↓ | (FPM') | (FPM) |
| 1 | 1267 | 906 |
| 2 | 1252 | 1005 |
| 3 | 1096 | 1039 |
| 4 | 1203 | 1151 |
| 5 | 1,143 | 1244 |
| 6 | 1183 | 1042 |
| 7 | 1297 | 1080 |
| | 1065 | 1096 |
| 9 | 1183 | 1210 |
| 10 | 1177 | 1100 |
| 11 | 1066 | 762 |
| 12 | 1069 | 739 |
| 13 | 1184 | 1328 |
| 14 | 1219 | 1260 |
| 15 | 1236 | 1156 |
| 16 | 1256 | 1080 |
| Average Velocity | 1181 | 1075 |
| Open Area (ft ²) | 4.7 | 4.7 |
| Air Flow (CFM") | 5589 | 5087 |
| Total Air Flow (CFM) | | 10676 |
| Figure 4. Full-unit D | 1 | 100/ |

Figure 4. Exhaust, Range 1.

^{&#}x27;FPM = Feet Per Minute.

[&]quot; CFM = Cubic Feet Per Minute.

| | \$u | ppły Ran | ige 2 | | | |
|-------------------------|-----|----------|-------|-------|--------------|-------------|
| Grate → | | 1 | 2 | 3 | 4 | 5 |
| Reading ↓ | | (FPM") | (FPM) | (FPM) | (FPM) | (FPM) |
| <u></u> | 1 | 232 | 207 | 355 | 149 | 215 |
| | 2 | 77.1 | 211 | 286 | 169 | 212 |
| | 3 | 79.2 | 191 | 291 | 42.8 | 290 |
| | 4 | 86.9 | 211 | 263 | 215 | 378 |
| | 5 | 165 | 308 | 446 | 640 | 143 |
| | 6 | 275 | 200 | 498 | 587 | 282 |
| | 7 | 193 | 206 | 430 | 263 | 717 |
| | 8 | 189 | 208 | 267 | 221 | 408 |
| | 9 | 188 | 0 | 484 | 301 | 154 |
| | 10 | 302 | 24.5 | 193 | 295 | 314 |
| | 11 | 612 | 25.7 | 205 | 323 | 428 |
| | 12 | 552 | 55.4 | 163 | 577 | 443 |
| | 13 | 240 | 78.6 | 364 | 392 | 583 |
| | 14 | 412 | 41.7 | 241 | 411 | 409 |
| | 15 | 577 | 21.1 | 256 | 359 | 146 |
| | 16 | 863 | 32.2 | 99.6 | 53.4 | 12 1 |
| Average Velocity | | 315 | 126 | 303 | 312 | 328 |
| Open Area (ft²) | | 4.39 | 4.39 | 4.39 | 4.39 | 4.39 |
| Air Flow (CFM") | | 1383 | 554 | 1328 | 137 1 | 1438 |
| Total Air Flow (CFM) | : | | | | | 6074 |
| Calculated Air Velocity | ••• | | | | | 33.0 |

Table 5. Supply Air, Range 2.

^{&#}x27;FPM = Feet Per Minute.

[&]quot; CFM = Cubic Feet Per Minute.

[&]quot;' The calculated air velocity is the theoretical maximum evenly distributed air velocity across the firing line for the given volume of air produced by the supply fans.

| | | Firin | ig Lines Rang | jo 2 | | |
|------------------|-----------|--------|---------------|--------------|-------|-------|
| Lane → | | 1 | 2 | 3 | 4 | 5 |
| Reading ↓ | | (FPM*) | (FPM) | (FPM) | (FPM) | (FPM) |
| 5 | 1 | 71.3 | 0.0 | 97.7 | 0.0 | 71,3 |
| Standing | 2 | 33.6 | 0.0 | 103.0 | 20.4 | 33,€ |
| | 3 | 0.0 | 0.0 | 72.4 | 22.8 | 0.0 |
| 2 | 4 | 30.9 | 29.2 | 2 9.6 | 28.9 | 30.9 |
| Kneeling | . 5 | 53.3 | 0.0 | 84.7 | 63.2 | 53.3 |
| | 6 | 75.3 | 0.0 | 31.5 | 0.0 | 75.3 |
| Φ | 7 | 70.0 | 0.0 | 0.0 | 0.0 | 70.0 |
| Prone | [_ 8 | 107.0 | 0.0 | 0.0 | 0.0 | 107.0 |
| | 9 | 52.8 | 0.0 | 23.3 | 0.0 | 52.8 |
| Avorage Velocity | y (Lane) | 49.5 | 3.1 | 44.5 | 13.9 | 49.9 |
| Average Velocit | y (Ranga) | | | | | 32.2 |

Table 6. Firing Line Air Velocity, Range 2.

| | | | <u>-</u> | | | | |
|----------------|----------|---------|------------------|--------------------|---------------------|-------|-------|
| | | | <u>Down-Rang</u> | <u>e Moasureme</u> | nts Ra <u>nge 2</u> | | |
| Lane → | | | 1 | 2 | 3 | 4 | 5 |
| Reading ↓ | | | (FPM) | (FPM) | (EPM) | (FPM) | (FPM) |
| ! | 힏 | 1 | 27,3 | 56.9 | 50.1 | 0.0 | 64.7 |
| - | Standing | 2 | 60.1 | 48.2 | 49.2 | 48.0 | 52.0 |
| | 5 | 3 | 42.5 | 45.3 | 71.4 | 56.6 | 66.5 |
| | 윈_ | 4 | 72.1 | 47.8 | 56.7 | 63.9 | 44.2 |
| <u>.</u> | Kneeling | . 5 | 75.1 | 22.2 | . 8 <u>1.1</u> | 95.3 | 63.0 |
| | 2 | 6 | 71.8 | 9 1 .1 | 78.3 | 50.5 | 69.1 |
| | | 7 | 66.4 | 65.5 | 35.4 | 44.6 | 72.4 |
| | Prone | . 8 | 59.0 | 66.6 | 34.9 | .54.2 | 62.1 |
| | _ | 9 | 52.7 | 58.3 | 70.1 | 61.0 | 60.2 |
| Average Veloci | ity | (Lane) | 58.6 | 55.B | 58.6 | 52.7 | 61.€ |
| Average Veloci | ity | (Rango) | | | | | 57.4 |

Table 7. Air Velocity at Bullet Stop, Range 2.

^{*}FPM = Feet Per Minute.

| Exhaust F | - Rang | ıe 2 | |
|---------------------|-----------|--------|-------|
| Grate → | , | 1 | 2 |
| Reading ↓ | | (FPM') | (FPM) |
| | 1 | 1251 | 1179 |
| | 2 | 1328 | 1171 |
| | . 3 | 943 | 1116 |
| | 4 | 943 | 964 |
| | 5 | 1124 | 580 |
| | 6 | 679 | 563 |
| <u></u> | 7 | 674 | _593 |
| ļ <u></u> | 8 | 1123 | 614 |
| <u> </u> | 9 | 1200 | 361 |
| | 10 | 1061 | 722 |
| | 11 | 951 | 609 |
| <u> </u> | 12 | 805 | 656 |
| | 13 | 722 | 754 |
| | 14 | 880 | 585 |
| | 15 | 1004 | 126 |
| | 16 | 1052 | 1103 |
| Average Velocity | | 984 | 731 |
| Open Area (ft²) | | 5.1 | 4.9 |
| Air Flow (CFM") | | 5021 | 3615 |
| Total Air Flow (CFM | | | 8636 |

Table 8, Exhaust, Range 2.

^{*}FPM = Feet Per Minute.

[&]quot; CFM = Cubic Feet Per Minute.

SUBJECT: Industrial Hygiene Study No. 55-NH-7069, 23 April - 16 May 2001

APPENDIX D

CALCULATIONS

1. Average Air Velocity
$$(\overrightarrow{v} FPM) = \frac{X_1 + X_2 + X_3 + ... + X_n}{n}$$

X_n = Air Velocity Measurement (FPM)

n = Number of Measurements

2. Open Face Area (o ft²) = $\Pi \times \left(\frac{d}{2}\right)^2 \times n$

 $\Pi = 3.14159$

d = Diameter of Opening (ft.)

n = Number of Openings

3. Volumetric Air-Flow (q CFM) = $\vec{v} \times \vec{a}$

v = Average Air Velocity (CFM)

a = Open Face Area (ft²)

4. Cross-Sectional Area (s ft^2) = $w \times h$

w = Width (ft.)

h = Height (ft.)

5. Percent Open Face = $\frac{o}{s_n} \times 100$

o = Open Face Area (ft²)

s_e = Cross-Sectional Area of Plenum (ft²)

6. Calculated Air Velocity = $\frac{q}{s_t}$

Q = Volumetric Air-Flow (CFM)

 $s_f = Cross-Sectional Area of Firing Line (ft^2)$

APPENDIX 6

PHOTOGRAPHS

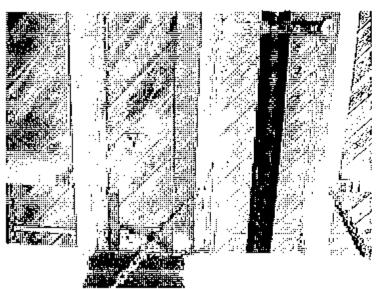
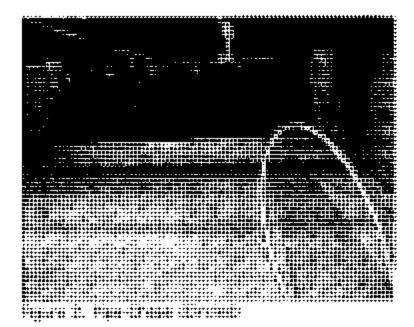
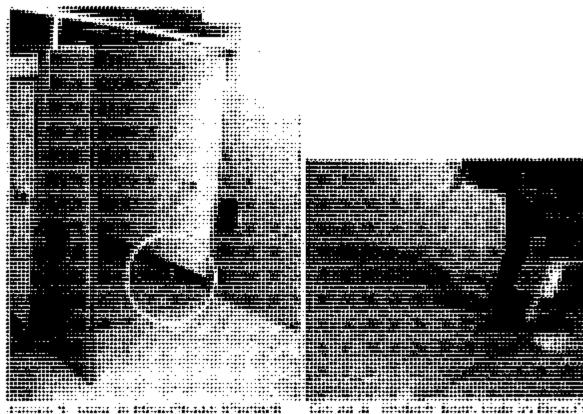
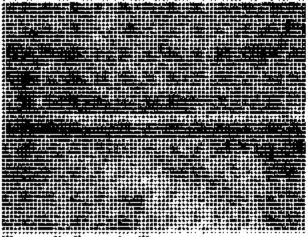


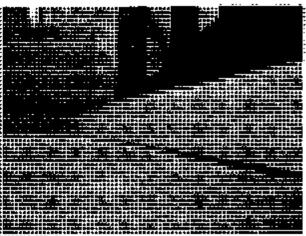
Figure 1. Wooden Ceiling/Sub-Floor.







Physics II. Hanna in Physics



l'image di dicement l'ime di dicibi dican

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Non-Responsive 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: 5th Regiment Armory Indoor Firing Ranges

- 1. An email dated 26 July 2006 from the CFMO stated that the two 5th Regiment Armory Indoor Firing Ranges conversion/construction projects have been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Lead surface clearance samples were collected by an individual from Waste-Tron of Maryland, Inc. and analyzed by Caliber Analytical Service. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



BEST AVAILABLE COPY

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Non-Responsive 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: 5th Regiment Armory Indoor Firing Ranges

- 1. An email dated 26 July 2006 from the CFMO stated that the two 5th Regiment Armory Indoor Firing Ranges conversion/construction projects have been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Lead surface clearance samples were collected by an individual from Waste-Tron of Maryland, Inc. and analyzed by Caliber Analytical Service. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



From: Non-Responsive CIV NGB

Sent: Thursday, August 24, 2006 10:34 AM

 $\mathbf{To:} \mathbf{Non-Responsive}$

Subject: FW: Project completion - 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201-2288

Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell 443-807-9605 FAX 410-942-0254

From Non-Responsive LTC (RET) MDARNG

Sent: Wednesday, July 26, 2006 10:10 AM

To: NOTER ESPONSIVE A CIV NGB

CIV MDARNG; Non-Responsive; PC MDARNG

Subject: Project completion - 5th Regiment Annory, 29th Division Street, Baltimore, MD 21201-2288

Shirley,

Pursuant to the project specification, the above referenced project has been completed. The contractor:

ARC Construction Services, Inc.

2025 Inverness Avenue Baltimore, MD 21230

443-573-0292

Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards. V/r

Non-Responsive

| | | | BULK SAMPL | E DAT | Α | | |
|--|---|-----------------|---|----------------|--|---------------------------------------|------------------------------------|
| | For v | ise of this for | m see USAERA TG 1 | 41; the p | roponent is i | ishb-lo. | |
| National Stak Mil | Guard Bureau. Hary Reserval | ,3011/1 OLDI | ess including Zip C BAY LANE, AHA; NGB De Gracz MD 21 | · AVAJ - S | Non Non | -Res | (name/AUTOVON) OONSIVE O273 Ext 18 |
| | d Installation | | Project Numi | Project Number | | .oc | |
| 5th Regiment Armory Samples Collected By | | Date Collecte | od | Date | Shippe | | |
| 1 | | 24 Sup | | | - | | |
| IFR | | | | i i | ation (B | LDG/AREA) | |
| Associa | ted Complaint | 5 (be speci | fic) | | | | • |
| Associa Ye | ted Air Samp a X No | los | If yes, list | sample | numbers | | |
| | - 184 · · · · · · · · · · · · · · · · · · · | | Label Informa | | Tangolian page | | |
| Trade Name NSN | | | | M | Manufacturer | | |
| Address | • | | | N | MSDS Attached | | |
| | | | | | Yes No | | |
| Analysis | Desired Le | ed Wip. | es - Furnace | . Met | hod | | |
| Lab Use Only | Sample No. | Cons | tituents | Pi € | sults | | Romerko |
| | BAL-USZYOH- | | | | | [] |) row of |
| | 001 | | | | | will = C | Conter row of |
| | 002 | | | | | viul - C | ts sear of |
| | · 003 | | | | ** - ** ****************************** | | asci ide will Affar of rance |
| Wall neur anoist. | | | | | | | |
| Commen | is to Lab | | | | (C | ontinued | on other side) |
| | | | Lab Use O | ıly | | | |
| Analyst | (initials) | Reviewe | d By (initials) | | Date Receiv | ed | Date Reported |
| Procedur | es Performed | C | omments: | | | · · · · · · · · · · · · · · · · · · · | |

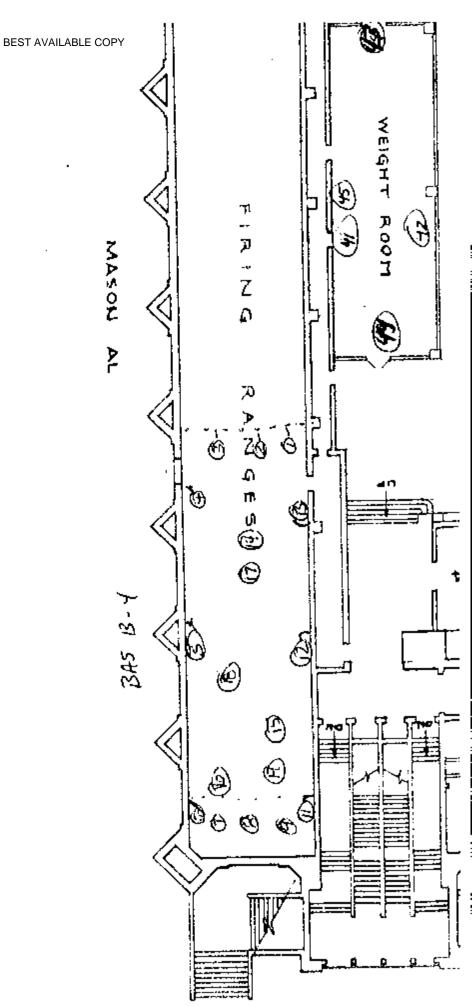
Page 2

| | | BULK SAMP | LE DATA | |
|-----------------|---------------|---------------------------------------|--|--|
| Lab Use Only | Sample No. | Constituents | Recults | Remarks |
| | 004 | | | |
| | 007 | | | 6) you of pulled to |
| | cos | | | Detail side will of built trap Correct fallet tra Contact of Willet tra First stop Great of order trap Land stop Land stop |
| | teg | | | a sear of or that tro |
| | ÇIO | | - | Blank |
| | 611 | | | concrete conser thek |
| | 512 | · · · · · · · · · · · · · · · · · · · | <u> </u> | concrete ander black "and |
| | 013 | <u> </u> | | Filler Done wall new lights |
| | UH | | - | Switzer 1360 |
| | 015 | | | Floor & Front |
| | 016 | | | Flow @ Frank |
| | 017 | | · - · · · · · · · · · · · · · · · · · · | on 1st ading before |
| | 618 | | | on 1st aiding befored 3rd ceting befored 5the Ceting beoffed Black car for wall |
| | CKG " | | | eto chi l Cl |
| | 050 | | ·-· | DI LO DORES |
| | 621 | | | Dia C |
| | 622 | | | |
| | 023 | | | Canta few Walt |
| | czy | | | Ger hall per BT. |
| | 025 | | | - Co Tax b. T. |
| | 026 | | | Centro b. T. |
| | 627 | | · | Near Wass new St. |
| | 028 | | | New Will Canter |
| | 029 | | <u></u> | New well @ door |
| | 030 | | · | |
| | 031 | | | Blank. |
| | 632 | | · · · · · · · · · · · · · · · · · · · | Back will now thou |

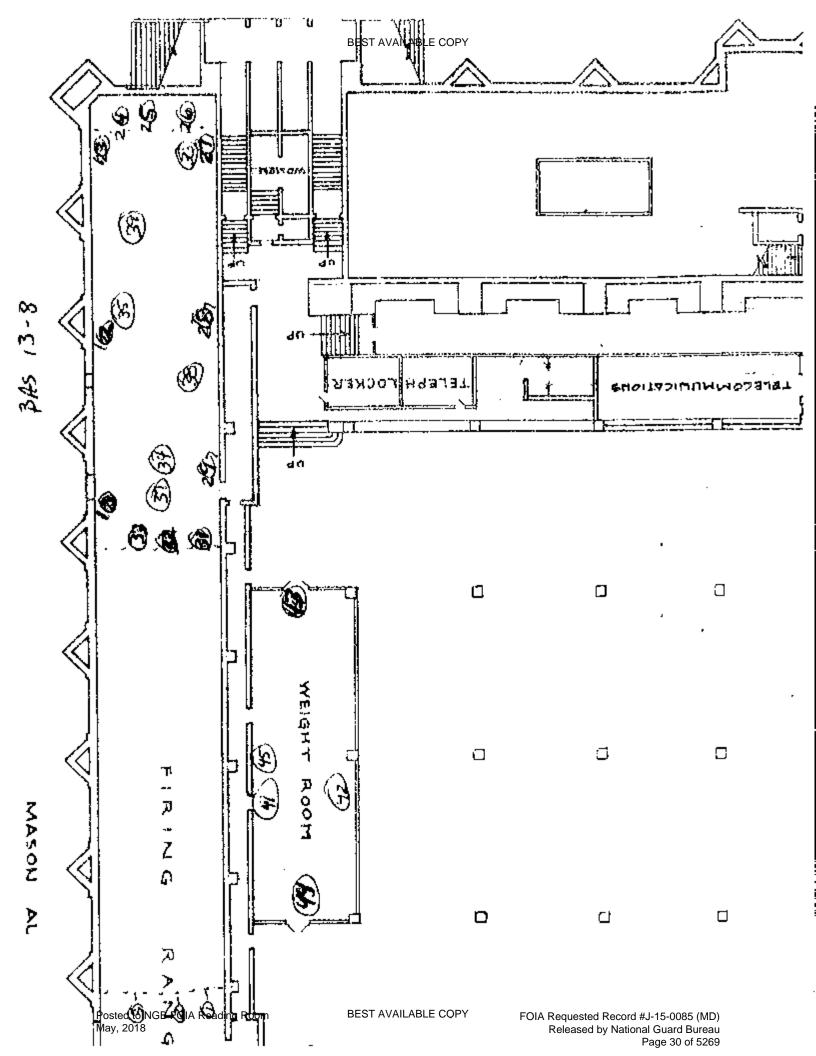
| | | Military Commission and Association and Associ | BULK SAM | DIED | ATA | Y | | The second secon | |
|---------------------------|--|--|------------------|------------|-------------------|-------------|-------------|--|--|
| | | | | | | | | | |
| | For us | e of this for | m see USAERA T | G 141: the | e prop | onent is HS | SHB-LC |) <i>.</i> | |
| Return | Address (com | plete addr | ess including Zi | p Code) | | المراجات | 7 | (name/AUTOVON) | |
| Wational Wational | Guent Bureau. | 3011# 04 | BN LANE. Alln: N | 6B-AUN | J- SI | | | ponsive | |
| | | on, Havr | e De Grace Mb | 21018 | l | 410- | 942 | - 0273 EXT 18 | |
| | i installation | | Project N | umber | , ,,,,, | ARLC |).c | | |
| 50 | Reginent By | Armora | | | | | | | |
| * | , | | | | | Date | Shipp | ed | |
| 5.61 | e ? Montago | 2000 | 24 5 | Sco 04 | | | | | |
| Bible & Montgome 24 Sep 0 | | | , | _ | 1 | | (BLDG/AREA) | | |
| IFR | | | | | Bal | Timo |)/C | | |
| Associa | ted Complaints | (be spec | liic) | | | | | | |
| | والوارا والموارد | | | | | | | | |
| ****** | ted Air Sample | 98 | li yes, i | list samp | un ele | mbers | | | |
| Y e | s XNo | | | | | | | | |
| | | | Label Info | rmation | | | | | |
| Trade N | ame | | NSN | | Manufacturer | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| Address | i | | | | MSD | S Attache | d | | |
| | | | | | Yes No | | | | |
| * natus is | Desired , | | | | | | | | |
| VIIGITAI | Lea | d Wid | es - Furna | ce ra | o Hea | . d | | | |
| Lab Use | Sample | | | | | · (01 | | | |
| Only | No. | Con | stituents | | Resu | its | | Remarks | |
| | BAL-092404- | | | | | | L. 4 | ile of back | |
| | 033 | | | | | | 101 | lva II | |
| | 034 | | | | | | Floor | in front of | |
| | 034 | | | | | | 105 | 11/00 #3 | |
| | 635 | | | | | | floor | <i>r</i> | |
| | 036 | | | | | | Floor | on @ mar | |
| | | · | | | | - | Statio | on 3 shooting | |
| | 631 | | | | | | | rances rest o | |
| Comment | s to Lab | | | | | (Co | ntinu | ed an other side) | |
| | | | | | | | | | |
| | ************************************** | *********** | Lab Use | Only | · · · · · · · · · | | | | |
| Analyst | (initials) | Review | | | Dat | e Receive |) d | Date Reported | |
| Procedur | es Performed | | Comments: | | , | | | | |

Page 2

| BULK SAMPLE DATA | | | | | | | |
|------------------|---------------------------------------|--------------|---------|--|--|--|--|
| ob Use Only | Sample No. | Constituents | Results | Romarko | | | |
| | 038 | | · | 200 Intile | | | |
| | 039 | | | 450 Water | | | |
| | 040 | | | He with | | | |
| | 011 | | | Desc BASILE | | | |
| | 04Z | | | Hall offosite Flor new door Cheside Clock Fhor war doo Conter fork On top of Fire I | | | |
| | C43 | | | Flor new does | | | |
| | 614 | | | They wan due | | | |
| | 045 | | | or to of Fire ! | | | |
| | 046 | | | Blank | | | |
| | <u> </u> | | | | | | |
| | | | | | | | |
| | · | | | | | | |
| | | | | _ | | | |
| [- | | | | 1 | | | |
| | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | <u></u> _ | | | - | | | |
| | | | | | | | |
| | _ <u></u> | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | <u> </u> | | | | | | |
| | | | | | | | |
| | | | | | | | |







AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Chain Of Castody: Person Submitting: Date Analyzed: Report Date: BPA #W912K6-04-A0002 5th Regiment Armony IFR Baltimore, MD Not Provided P.O. Number: Job Location: Job Number: Job Name: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Grand Bureau Address Client

9/30/2004 129887

Page 1 of 3

Summary of Atomic Absorption Analysis for Lead

| ARA Sample Chent Sample Namber Number | | | C. C. | (J) | i | | | | Comments |
|--|---------------|------------|----------------|--------|--------|--------------------|-------|--------------------|----------|
| 0470034 BAL-092404-001 | Furance | Wipe | YASX | Q.111 | 2.70 | ug/ft² | 8.9 | ng/fé | |
| 0470005 BAL-092404-002 | Furnace | Wipe | Ĭ | 0.113 | 2.70 | ug/ff | 5.3 | ng/ft² | |
| 0470006 BAL-092404-003 | Furnace | Wipe | *** | 0.111 | 2.70 | og/ff | 7.4 | and the | |
| 0470007 BAL-092404-004 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ff | 6.6 | ught. | |
| 0470008 BAL-092404-005 | Furnaec | Winc | a cox | 0.111 | 2.70 | ng/fr | £ | ug/fit* | |
| 0470009 BAL-092404-005 | Furnace | Wine | *** | 0.111 | 2.70 | -10/dn | 18 | ng/III: | |
| 0470010 BAL-092404-007 | Flame | Wipe | • | 0.11.1 | 108.01 | worth: | 9600 | ug/ff* | |
| 0470011 BAL-092404-008 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ff* | 3100 | ug/ft² | |
| 0470012 BAL-092404-009 | Flame | Wipe | **** | 0.111 | 108.01 | ugifft. | 00069 | ug/ff* | |
| 0470013 BAL-092404-010 | Furnace | Wipe Blank | 2014 \$ | N.A | 0.30 | SS | 1 | Э'n | |
| 0470014 BAL-092404-011 | Ридасс | Wipe | ** | 0.111 | 2.70 | anc), die | 7.9 | ug/ff ² | |
| 0470015 BAL-092404-012 | Furnace | Wipe | *** | 0.111 | 2.70 | ng/K | 6.5 | ug/ft* | |
| 0470016 BAL-092404-013 | Furnace | Wipe | *** | 0.111 | 2.70 | ng/ft ^e | 7.6 | ng/ff² | |
| 0470017 BAL-092404-014 | Fumace | Wipe | *** | 0.111 | 135.01 | wg/ff | 1100 | ragen | |
| 0470018 BAL-092404-015 | Flame | Wipe | **** | 6.111 | 108.01 | ug/ff | 4700 | ug/R* | |
| 0470019 BAL-092404-016 | Flance | Wipe | Ť | 0.11.3 | 10801 | ug/ft² | 25000 | coffe | |
| D470620 BAL-092404-017 | Furnace | Wipe | *** | 0.111 | 67.51 | ug/ft ² | 400 | ugffř | |
| 0470021 BAL-092404-018 | Fumace | Wipe | • *** | 0.115 | 135.01 | ug/ft² | 040 | ugfit | |
| 0470022 BAL-092404-019 | Flame | Wipe | 4444 | 9.111 | 10801 | ug/fit- | 14000 | ug/ff | |
| 0470023 BAL-092404-020 | Funcee | Wipe Blank | 22 0 % | N/A | 030 | B | 0.61 | Sin | |

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

ed to NGB FOIA Reading Room 2018

No.3725

Attention:

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



01-Oct-04 9/30/2004 Chain Of Custody: Person Submitting Date Analyzed: Report Date: BPA #W912K6-04-A0002 5th Regiment Amount JFR Baltimore, MD Not Provided Job Locations P.O. Namber: Job Number: Job Name: 301-IH Old Bay Lane, After NGB-AVN-SI, Havre de Grave, Maryland 21078 State Military Reservation National Guard Buseau Address Client

Page 3 of 3

11

Summary of Atomic Absorption Analysis for Lead

Attentions

ed to NGB FOIA Reading Room

No.3725

| Comments | |
|--------------------------|--|
| Kinal Result | |
| Reporting Limit | |
| Arren Wiped (IF) | |
| Air Volume (L) | |
| Sample Type | |
| Ausilysis Type | |
| Client Sample Number | |
| AMA Sample Namber | |

| ' | National | Matthews | | | 3 | E | 3 | Limit | | | |
|------|----------------------|--|--------------------|---------------------|--|------------------|--------|------------|------|--------|--|
| BES | 0470044 | BAL-692404-041 | Furmace | Wipe | **** | 0.111 | 2.70 | ug/fk* | 19 | ug/ft | |
| ST A | 0470045 | BAL-092404-042 | Furnace | Wipe | *** | 0.11.1 | 2.70 | ug/fr | 8.6 | ug/R* | |
| AVA | 0470046 | BAL-092404-043 | Furnace | Wipe | **** | 0.311 | 2.70 | ug/ft* | 11 | ug/ff* | |
| ILA | 9470047 | BAL-092404-044 | Furnace | Wipe | | 0.111 | 5.40 | ug/ff | 46 | ug/ft² | |
| BLI | 0470048 | BAL-092404-045 | Flame | Wipe | *** | 0.11.1 | 108:01 | ug/3F | 1400 | Ду́дп | |
| EC | 0470049 | BAL-092404-046 | Furnace | Wipe Blank | # | N.A | 0.30 | 8 0 | 0.48 | 9 | |
| OP | Analysis Method for | Panalysis Method for Flame: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-53/200(R/I)-7420; Water: SM-3111B | nts, and Soil/Soil | ds: EPA 600/R-93/20 | 0(M)-7420; Water: | SM-3111B | | | | | |
| Y | finallysis Method Fo | Analysis Method For Fumace: Air, Wipes, Paints, and Soil/Solids: | Paints, and Solk | | EPA 600/R-93/200(M)-7421; Water: SIA-3113B | fater: SIA-3113B | | | | | |

mgKg = parts per million (ppm) by weight - mgA. = parts per million (ppm) ug/L = parts per billion (ppb) ug = raicrograms %Pb = percent lead by weight N/A = Not Applicable

Note: All results have two significant digits. Any additional digits shown should not be

Analysts: All results have two against new two against new the graftly or condition of apparently identical or similar protection to the casumbe, coverage and only in the sample, or sample, investigated and is not necessarily infective of the graftly or condition of apparently identical or similar protection to distribute and accepted for the executive use of the identity when it is safety and in extremal or those subtracting or publicity and to the identity provided by the persons and unless collected by personnel of those Laboratories, we expressly distribution of the identity provided in secondaries when the information provided in secondaries with the ideactions. The provided in the executive with the distance of this information provided in accordance with the casumbe material will be diseased as a special assumble material will be diseased in accordance with the casumber of this information and conditions of the information and conditi

All rights reserved. Alth Analytical Services, fac.

Applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AEEEA air samples. This report must not be used to claim, and does not imply product certification, apprearal, or endorsement by

NVLAP, NIST, or any agency of the Federal Government.

An AKBA (#6863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NYEA 至

5th Regiment Armony IFR Job Location: Job Number: **Job Names** 301-III Old Bay Lane, Aun: NGB-AVN-SI, Havre de Crace, Maryland 21078 State Military Reservation National Guerd Bureau

Addressa Cient

Attention:

BPA #W912K6-04-A0002 Baltimore, MD Not Provided P.O. Number:

01-Oct-04

Report Date:

Person Submittings

9/30/2004 129887

Date Analyzed:

Chain Of Custody:

Page 2 of 3

Summary of Atomic Absorption Analysis for Lead

| Number | Cocort Sample Number | Апабуна Турс | Sample Lype | 3 | Artz Wipos (ff) | Lamik | Limit | Final Result | ¥ | Comments |
|-------------|-------------------------|--------------|---|---------|--------------------|--------|---|--------------|---------------------|----------|
| 0470024 Bu | BAL-092404-021 | Furnace | Wipe | **** | 0.111 | 2,70 | ஆம் | 31 | ug/fr | |
| 0476025 BJ | BAL-092404-022 | Furnace | Wipe | 7100 | 6.111 | 2.70 | al de la constant de | 12 | ng/ft ² | |
| 0470026 B2 | BAL-092404-023 | Furnace | Wipe | *** | 6.111 | 2.70 | ug/ff² | 53 | ag (Gr | |
| 0476027 BJ | BAL-092404-024 | Flame | Wipe | | 0.111 | 108.03 | ug/ff ² | 5100 | up the | |
| 0470028 BJ | BAL-092404-025 | Flame | Wype | *** | 0.111 | 108.01 | ug/ft ² | 3000 | ug.H. | |
| M70029 B4 | BAL-092404-026 | Flame | Who | ***** | 0.111 | 10801 | ug/ft² | 1500 | ug/fit | |
| _ | BAL-092404-027 | Funance | Wipe | at told | 0.111 | 2.70 | ug/ff | 4.7 | ng/fir | |
| 0470031 BA | BAL-092404-028 | Furnace | Wipe | *** | 0.111 | 2.70 | all/din | 14 | ug/fit | |
| 0470032 BZ | BAL-092404-029 | Fumace | Wape | • | 0.111. | 2.70 | ug/ft | 12 | ug/fit | |
| 0470033 BA | BAL-092404-030 | Furnace | Wipe Blank | ** | N/A | 030 | 왕 | 0.52 | . Sn | |
| 0470034 BA | BAL-092404-031 | Furnace | Wipe | **** | 0.111 | 2.70 | ugfft- | 6.7 | ugy)B# | |
| 0470035 BA | BAL-092404-032 | Funce | Wipe | Į | 111.0 | 2.70 | High. | 50 | ug/ff= | |
| 0470036 BA | BAL-092404-033 | Parmace | Wipe | * | 0.111 | 2.70 | ug/fb² | ī | ugo(ff: | |
| 6470037 BA | BAL-092404-034 | Flame | Wype | *** | 0.111 | 108.01 | ug/ff² | 2400 | ugylft² | |
| 0470038 BA | BAL-092404-035 | Flame | Wipe | **** | 0.111 | 108.01 | ug∕¶* | 5100 | ngyffi ² | |
| 0470039 B.P | BAL-092464-036 | Furnace | Wipe | **** | 0.111 | 135.01 | ug/ff² | 1300 | ug/ff | |
| 0470040 BA | BAL-092404-037 | Furnace | Wipe | **** | 0.111 | 33.75 | ug/fF | 160 | uglik | |
| 0470841 BA | BAL-092404-038 | Fumace | Wipe | £30k@ | 0.111 | 15-19 | ug/ff | 180 | ug/ff | |
| 70042 B4 | M092404-039 | Furnace | Wipe | *** | 0.111 | 33.75 | ug/Rt | 150 | ugyffe | |
| 70043 BJ | xL-092404-040 | Formace | COURT DAL-0922404-040 Furnace Wipe Blank **** N/A 0.30 ng 0.47 ug | **** | NA | 0.30 | 윱 | 0.47 | 3n | |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to chain, and does not imply product certainsalism, approval, or endoesement by All rights reserved AMA Analytical Services, Inc. NVLAP, NISE, or any agency of the Federal Government.

Au AIRA (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory

5th Reg.

| Range 1 (BAS 13 - 4) | Bunge 2 (BAS 13.8) |
|---|--|
| Range 1 (BAS 13 - 4) Qs (53 Parted Contrate Contar black will P Few of any (2) | D (Patrick) Feor For well |
| (2) " conter teur (| (2) Conster four whell (8) |
| 351 " " Left rear | 3) for well near bellet trap (8) (or market) |
| To brick side well near roar of range (| 29 @ rear billet trup 08 |
| 3 Smooth surface of wall never acoustical brand on side " | Ø ⊘ ′ |
| (6) Metal side wall of billet trop | (C) (C) " " " (M) |
| (1) | (1) Adear wall close to book trap (142) |
| (3) " " (Canter) | (B) Near well center (99) |
| (Tecr) | D New will @ door B |
| | @ Blank |
| Brak well (60) Brak well (60) new lights (corente ciner block) | @ Fack wall near door (%) |
| @ Ometal side of Bullet tray (Pic 65) | 3 6 Back und 69 |
| @ Convele Catarblack "wondow" filler on wall (Palo) | (3) Back will for side (1) |
| (A) Floor in Front of shetion #3 (68) | (1) Floor in front of position (1) (1) |
| (3) Floor @ front (mar butlet freep) (70) | (B) Flor in center new few wall (00) |
| (To) Flow & Front (et bullet traps) (70) (To) on Forst reiling shield in Front of position #103 (pie 72) | @ floor on @ new billet try (101) |
| position 11.03 (pie 72) | 3) Station 3 Forting rest/ wearen (103) |
| (B) and shield in food of shellon \$ | B 20th Should in Tours 5 (03) |
| 19 5th swell in front of souther z | 85 4th shield in lane 1 God |
| Es Bkink | 10 Blank |
| 20 Blance | |
| | |

Weight Run

(10) Peur 1:45 11-3 (10)

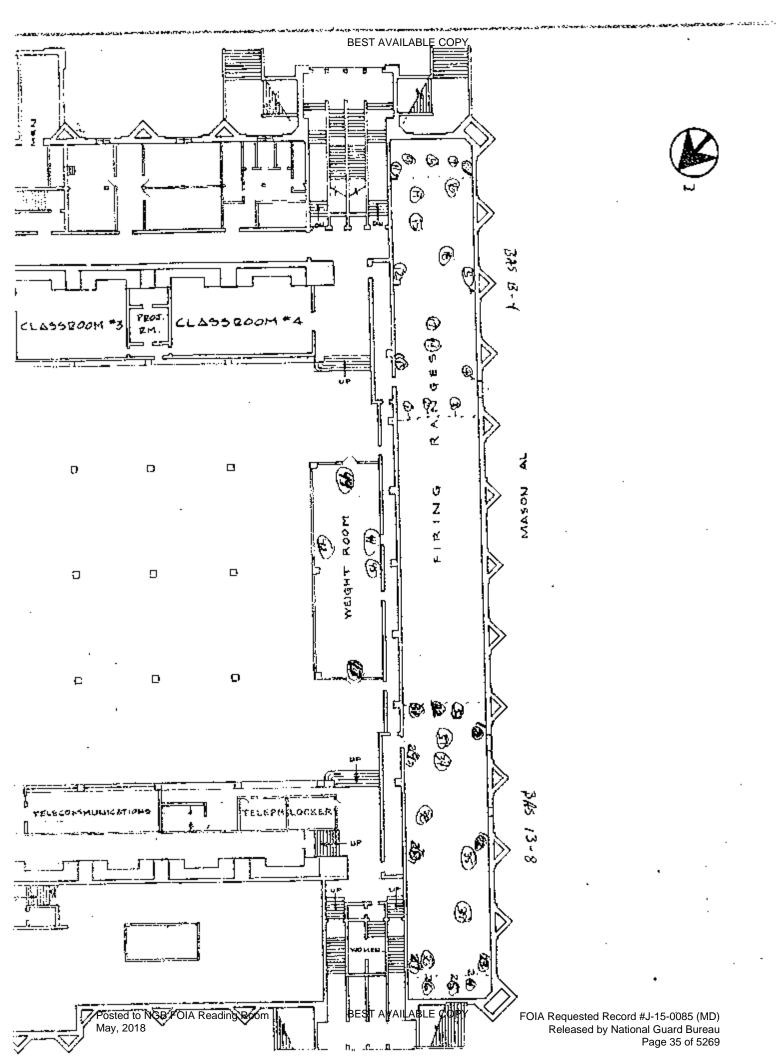
(12) Wall apposite of BAS 11-3 (100)

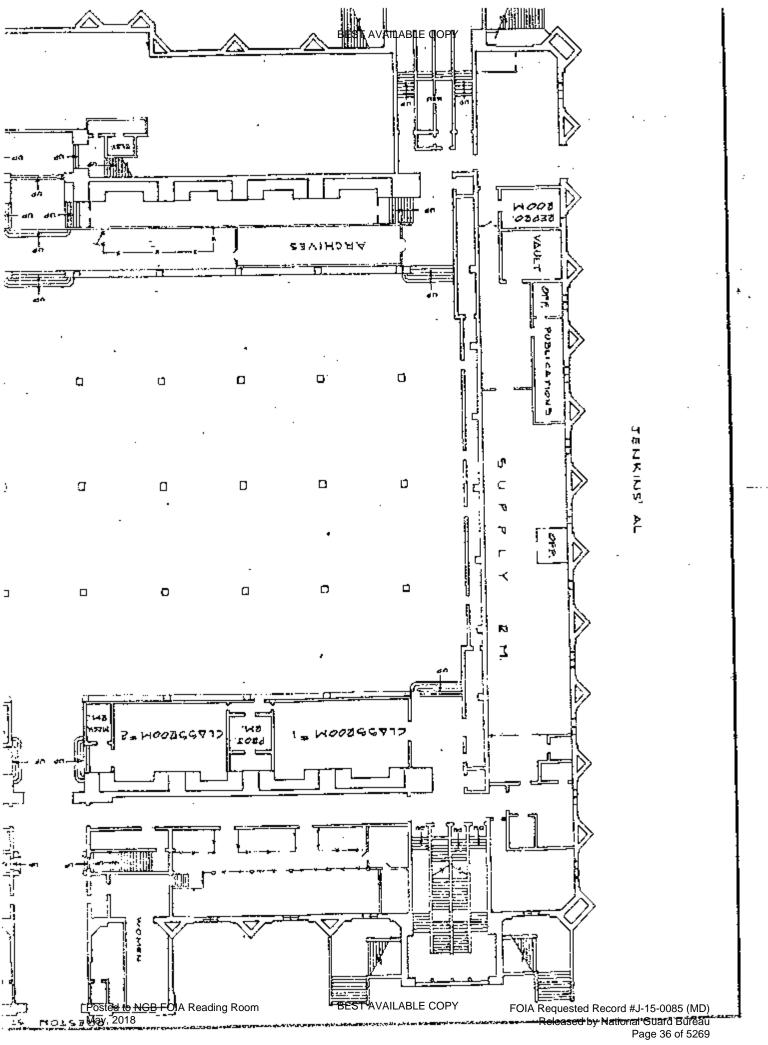
(13) Floor near door (under clock)

(15) Floor near door (beside clock)

(15) Posted tough Folk Reading Room? Hossest AVANKABLE COPY

(16) May 2018





Bal -092404-00

Rey Armony - Ballimore

POC - Chur, Allem Cliff (Facility Engineer)

-Ranges closed since will due do Vent.

- One used wort authrorization

- Aprox. 8 45 old. 2 "never used"

- Range # 1 (Bas 13.4) has visable signs of Bas 13-8) visable signs of pelle-t Ranges appear very clean. Just burnies but other use like new condition. Something that looked like rice on floor (see pictures). Could be insect wings of wax arips. Looks like insect wings.

AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-0085 MD Released by National Guard Bureau
Page 38 of 5269

Address: Client: 301-IH Old Bay Lane, Atm: NGB-AVN-SI, State Military Reservation National Guard Bureau

Havre de Grace, Maryland 21078

P.O. Number: Job Number:

BPA #W912K6-04-A0002

Not Provided

Attention:

Job Location: Baltimore, MD 5th Regiment Armory IFR

Job Name:

Chain Of Custody:

129887

Date Analyzed:

Report Date: Person Submitting:

9/30/2004

01-Oct-04

Page 1 of 3

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number Client Sample Number Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments

| 0470023 | 0470022 | | 0470020 | 0470019 | 0470018 | 0470017 | 0470016 | 0470015 | 0470014 | 0470013 | 0470012 | 0470011 | 0470010 | 0470009 | 0470008 | 0470007 | 0470006 | 0470005 | 0470004 |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| BAL-092404-020 | BAL-092404-019 | BAL-092404-018 | BAL-092404-017 | BAL-092404-016 | BAL-092404-015 | BAL-092404-014 | BAL-092404-013 | BAL-092404-012 | BAL-092404-011 | BAL-092404-010 | BAL-092404-009 | BAL-092404-008 | BAL-092404-007 | BAL-092404-006 | BAL-092404-005 | BAL-092404-004 | BAL-092404-003 | BAL-092404-002 | BAL-092404-001 |
| Furnace | Flame | Furnace | Furnace | Flame | Flame | Furnace | Furnace | Furnace | Furnace | Furnace | Flame | Flame | Flame | Furnace | Furnace | Furnace | Furnace | Furnace | Furnace |
| Wipe Blank | Wipe | Wipe Blank | Wipe |
| # ** | *** | 뜻류쏲 | *** | *** | *** | *** | *** | *** | *** | *** | *** | **** | *** | **** | *** | *** | **** | *** | *** |
| N/A | 0.111 | 0.111 | 111.0 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | N/A | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 0.30 | 108.01 | 135.01 | 67.51 | 108.01 | 108.01 | 135.01 | 2.70 | 2.70 | 2.70 | 0.30 | 108.01 | 108.01 | 108.01 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 |
| ng. | ug∕ff÷ | ug∕ft³ | ug/ft³ | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug. | ug/ft² | ug/ft² | ug/ft² | ug/ff² | ug/ft² | ug/ff | ug/ft² | ug/ft³ | ug/ft² |
| 0.61 | 14000 | 640 | 400 | 25000 | 4700 | 1100 | 7.6 | 6.5 | 7.9 | 1 | 69000 | 3100 | 9600 | 18 | 7 | 9.7 | 7.4 | 5.3 | 8.9 |
| eg. | ug/ft² | ug | ug/ft² |
| | | | | | | | | | | | | | | | | | | | |

BEST AVAILABLE COPY

0470023 BAL-092404-020 Furnace Wipe Blank **** N/A 0.30 ug 0.61 ug

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labora (grass) this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization may be used, in whole or in part, in any advertising or publicity matter without prior written authorization may be used, in whole or in part, in any advertising or publicity matter without prior written authorization. from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation All rights reserved AMA Analytical Services, Inc.

Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 39 of 5269

Address: Client: Attention: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation National Guard Bureau Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Number: Job Name:

BPA #W912K6-04-A0002 Baltimore, MD Not Provided 5th Regiment Armory IFR Report Date: Person Submitting: Date Analyzed: Chain Of Custody: 01-Oct-04 9/30/2004 129887

Page 2 of 3

Summary of Atomic Absorption Analysis for Lead

| 0470033 BAL-092404-030 0470034 BAL-092404-031 0470035 RAI-092404-032 | | | | | 0470032 BAL-092404-029 | | E 0470030 BAL-092404-027 | | | | | | > 0470024 BAL-092404-021 | Number Number |
|--|---------------------------------------|---------------------------------------|---|---|---|---------------------------------------|--------------------------|--|------------|-------|--------------|--------------|--------------------------|---------------|
| | | | | | | | | • | -025 Flame | | -023 Furnace | -022 Furnace | -021 Furnace | |
| Wipe c Wipe c Wipe e Wipe e Wipe Blank c Wipe | | | | | | | | | | | | e Wipe | e Wipe | |
| * | * * * * * * * * * * * * * * * * * * * | * * * * * * * * * * * * * * * * * * * | * | 1 * * * * * * * * * * * * * * * * * * * | : \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | * * * * * * * * * * * * * * * * * * * | 3 | The same of the sa | **** | *** | 養養養養 | 養養養養 | *** | (L) |
| 0.111 0.111 0.111 0.111 | 0.111 0.111 0.111 | 0.111 0.111 0.111 | 0.111 0.111 | 0.111 | 0.111 | 0.111 | 1 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | (FF) |
| 2.70 ug/ft² 2.70 ug/ft² 2.70 ug/ft² 0.30 ug 2.70 ug/ft² 2.70 ug/ft² | | | | | | | | | | | | | | Limit |
| 4.7 u 14 u 12 u 0.52 u 6.7 u | | | | | | | | | | | | | | |
| ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² | e th | e e e e e e e e e e e e e e e e e e e | E the | g/ft² g/ft² g/ft² | gr: | E Ar | g/ft² | | g/ft² | g/ft² | g/ft² | g/ft² | g/ft² | |
| BEST / | BEST / | BEST / | BEST / | BEST / | BEST / | BEST / | T / | ۹۱ | VAII | LAE | BLE | со | PY | |

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

| O470037 | BAL-092404-034 | Flame | Wipe | **** | O.111 | 108.01 | ug/ft² | 2400 | ug/ft² | 0470038 | BAL-092404-035 | Flame | Wipe | ***** | O.111 | 135.01 | ug/ft² | 1300 | ug/ft² | 0470040 | BAL-092404-036 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 160 | ug/ft² | 0470040 | BAL-092404-037 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 160 | ug/ft² | 0470041 | BAL-092404-038 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470042 | BAL-092404-039 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470043 | BAL-092404-039 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470043 | BAL-092404-039 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470043 | BAL-092404-040 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470043 | BAL-092404-040 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470043 | 0470045 | BAL-092404-040 | Furnace | Wipe | ***** | O.111 | 33.75 | ug/ft² | 180 | ug/ft² | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 0470045 | 047 applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved. AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 40 of 5269

Address: Client State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau

Havre de Grace, Maryland 21078

P.O. Number: Job Number:

BPA #W912K6-04-A0002

Not Provided

Job Location: Job Name: 5th Regiment Armory IFR

Baltimore, MD

Date Analyzed:

Chain Of Custody:

129887 9/30/2004

Person Submitting:

Report Date:

01-Oct-04

Attention:

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number |
|-------------------------------|
| Client Sample Number |
| Analysis Type |
| Sample Type |
| Air Volume (L) |
| Area Wiped (ft ²) |
| Reporting Limit |
| Final Result |
| Comments |

| 0470044 BAL-092404-041 Furnace Wipe ***** 0.111 2.70 ug/ft² 8.6 ug/ft² 0470045 BAL-092404-042 Furnace Wipe ***** 0.111 2.70 ug/ft² 8.6 ug/ft² 0470046 BAL-092404-043 Furnace Wipe ***** 0.111 2.70 ug/ft² 8.6 ug/ft² 0470047 BAL-092404-044 Furnace Wipe ***** 0.111 5.40 ug/ft² 11 ug/ft² 11 ug/ft² 0470048 BAL-092404-045 Flame Wipe ***** 0.111 5.40 ug/ft² 46 ug/ft² 0470048 BAL-092404-045 Flame Wipe Blank **** 0.111 108.01 ug/ft² 46 ug/ft² 0470049 BAL-092404-046 Furnace Wipe Blank **** 0.111 108.01 ug/ft² 1400 ug/ft² 0470049 BAL-092404-046 Furnace Wipe Blank **** 0.111 0.30 ug 0.48 ug Analysis Method for Flame: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-93/200(M)-7421; Water, SM-3113B | N/A = Not Applicable most | is Method For Furnace: | is Method for Flame: Air, | 0470049 BAL-092404-046 | 0470048 BAL-092404-04: | 0470047 BAL-092404-04 | 0470046 BAL-092404-04: | 0470045 BAL-092404-042 | 0470044 BAL-092404-041 |
|---|---------------------------|------------------------|---------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|
| 2.70 ug/ft² 19 2.70 ug/ft² 8.6 2.70 ug/ft² 8.6 2.70 ug/ft² 11 5.40 ug/ft² 46 108.01 ug/ft² 1400 0.30 ug 0.48 | 7010000 | Air, Wipes | Wipes, Pa | 04-046 | 104-045 | 104-044 | Ю4-043 | 104-042 | 104-041 |
| 2.70 ug/ft² 19 2.70 ug/ft² 8.6 2.70 ug/ft² 8.6 2.70 ug/ft² 11 5.40 ug/ft² 46 108.01 ug/ft² 1400 0.30 ug 0.48 | per million (nom) | , Paints, and Soil/ | aints, and Soil/So | Furnace | Flame | Furnace | Furnace | Furnace | Furnace |
| 2.70 ug/ft² 19 2.70 ug/ft² 8.6 2.70 ug/ft² 8.6 2.70 ug/ft² 11 5.40 ug/ft² 46 108.01 ug/ft² 1400 0.30 ug 0.48 | hy weight ma/l = 1 | Solids: EPA 600/R- | lids: EPA 600/R-93/2 | Wipe Blank | Wipe | Wipe | Wipe | Wipe | Wipe |
| 2.70 ug/ft² 19 2.70 ug/ft² 8.6 2.70 ug/ft² 8.6 2.70 ug/ft² 11 5.40 ug/ft² 46 108.01 ug/ft² 1400 0.30 ug 0.48 | parts per million (pr | 93/200(M)-7421; W | 200(M)-7420; Water | *** | *** | *** | *** | **** | **** |
| ug/ft² 19 ug/ft² 8.6 ug/ft² 11 ug/ft² 46 ug/ft² 1400 ug 0.48 | 3 | /ater: SM-3113B | : SM-3111B | N/A | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 19 8.6 11 46 1400 0.48 | | | | 0.30 | 108.01 | 5.40 | 2.70 | 2.70 | 2.70 |
| | | | | Sh | ug/ft² | ug/ft² | ug∕ft² | ug∕ft² | ug∕ft² |
| ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² | | | | 0.48 | 1400 | \$ | 11 | 8.6 | 19 |
| | | | | gu | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² |

BEST AVAILABLE COPY

Note: All results have two significant digits. Any additional digits shown should not be %Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

considered when interpreting the result.

Technical Manager

Ana]

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratorial and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization as a sample types, locations and collection protocols are based monthly indicative of the quality or condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization. NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved. AMA Analytical Services, Inc. ted to NGB FOIA Reading Room

| | | | BULK SAMPLE | n/ | \ T A | | |
|------------|--------------------|------------------|---|----------|--------------|---------------|--------------------------|
| | For 11 | se of this form | | | | · . | <u> </u> |
| Paturn | | | see USAERA TG 141 | | | | |
| National l | Guard Bureau | , 301 III OLO BA | s including Zip Cod NY LANE, AHN: NG13-1 | AUAL | SI Non- | Res | DONSIVE |
| Stak Mil | itary Reservati | ion, Haurel | De Grace MB 210 | 18 | | | - 0273 Exr 18 |
| Sampled | Installation | | Project Numbe | | ARLO | | - |
| 5 121 (1) | Collected By | nory | _ | | | | |
| | | | Date Collected | | Date | Shipp | ped |
| Descript | E Montgo | ion | 24 Sup 1 | 24 | | | |
| I. | ΓΩ | 1011 <i>)</i> | | | i | | (BLDG/AREA) |
| Associa | ted Complaints | s (be specifi | c) | | | elfibro | rc |
| | | | | | | | • |
| _ | ted Air Sampl | es | if yes, list s | amp | le numbers | | |
| - Ye | s XNo | | | | | | |
| Trade N | 9 TO 0 | | Label Informat | ion | 1.5 | | |
| 11845 11 | ame | | NSN | | Manufacturer | | |
| Address | | | | - | MSDS Attache | | |
| | | | | | ☐ Yes | | Π No |
| Analysis | Desired , | | | | | . ' | |
| ****** | Lei | ed Wipe: | s - Furnace | m | ethod | | |
| Lab Use | Sample | - | | | | <u> </u> | - |
| Only | No. BAL-012404- | - Jones | Ituents | | Results | ,- | Remarks |
| j | 001 | | | | | Wall - | ® rew of |
| | | | | | | van uutl - | Conter rear of |
| | C02 | | | | <u> </u> | | imat |
| n. | 003 | | | | | wall - | 6 sear of |
| | | | | | | Q.z.k | side wall Akar |
| | 004 | | | | | | |
| | 05 | | | | | Wall | near audstical |
| Comment | | | | | | 1:1 | |
| wommen. | 3 (V Cab | | | | (Ca | ntinu | ed on other side) |
| | <u> </u> | | Lab Use Onl | 1/ | | | |
| Analyst | (initials) | Reviewed | By (initials) | <u>y</u> | Date Receive | e d | Date Reported |
| Procedur | es Performed | | omments: | | | | |
| . , | Posted to NGB FOIA | " | BEST AVAILA | BLEC | OPY FOIA I | Paguasta | d Record #J-15-0085 (MD) |

| ab Use Only | Sample No. | Constituents | Results | Remarka |
|----------------|---------------|--------------|---------------------------------------|--|
| | DD(e | | | netal side will of |
| | 007 | | | Expert of bullet Contrar of bullet back stop contrar of bullet back stop |
| | COS | | | Carter of Wilet |
| | tog | | <u> </u> | (c) few of puller |
| | OID | | | Blank |
| | 60 | | | Parent Traver Henry |
| | 612 | | | concrete order black |
| | 0/3 | - <u></u> - | | Brick will near light |
| | DH. | | | Floor in Front of |
| | CHS | <u> </u> | | Floor in Front of Stution #3 Floor @ Front |
| | 016 | | | Floor @ Frand |
| | 017 | | <u> </u> | on 15t citting bother |
| | 618 | · | <u> </u> | Į v |
| | Olq | | | 5the Ciding batter |
| | 650 | | | Ble to |
| | 621 | | | rear far well |
| | 622 | | | Constru har Wall |
| _ | 023 | | | Gay Wall now B. T |
| | 024 | | | 1 |
| | 085 | | | Cantur b. T. |
| | 026 | | | @ rew b.t. |
| | 027 | | | New ways new be |
| | 028 | | | New Well Counter |
| $\Box \Box$ | 029 | | | |
| | 030 | | | New unit @ door |
| | 031 | | | Blank |
| | 632 | | · · · · · · · · · · · · · · · · · · · | But hall near don |

metal of

Page 42 of 5269

| | | | BULK SAME | PLE D | ATA | | |
|-----------------|-------------------------|----------------|---------------------------------------|-------------|----------|---------------|---------------------------|
| | For u | se of this for | m see USAERA TG | | | ent is HSHB-L | .0. |
| Return | Address (com | iplete addro | ess including 71 | | | | |
| pranonal | Quara Bareau | ,30/1# 0001 | BAY LANE, AHN: NG 2 De Grace MD 12 | 12 - ALLA | J- S.Z. | | sponsive |
| Sample | d Installation | on , Auvie | | | | | -0273 EXT 18 |
| ٠, | | Acres | Project Nu | mber | | ARLOC | |
| | Regiment 8 Collected By | , | Date Collec | cted | · | Date Ships | 204 |
| 8.61 | tion of Operation | Ones | 24 Sc | 10 04 | , | | |
| | | ion (| | 7 | | | (BLDG/AREA) |
| | FR. | - | | | | Baltin | |
| ASSOCIA | ated Complaints | (be specif | (ic) | | | | |
| | ated Air Sampl | es | If yes, lie | at samp | ple numb | 878 | |
| Ye | s X No | | | | | | |
| Trade N | ame | | Label Infor | mation | | * <u>-</u> | |
| | | | NSN | | Manufa | cturer | |
| Address | ı | | | | MSDS | Attached | |
| | | - | | | | Yes | ☐ No |
| Analysis | s Desired Lea | ed Wip. | es - Furnac | e m | e thod | | |
| Lab Use Only | Sample No. | | stituents | | Results | | Remarks |
| | BAL-012401- 033 | | | | | 1 | side of back way |
| | 034 | | | | | Floor | |
| *- | 635 | | | | | Floor nea | in conker |
| | 034 | | | <u> </u> | | Floor | bt |
| | 637 | | | | | Statil b | benun rest |
| Comment | ts to Lab | | | | | (Continu | ed on other side) |
| | | | Lab Use (| Only | | | |
| Analyst (| (initials) | Reviewe | d By (initials) | | Date P | Received | Date Reported |
| Procedur | es Performed | C | Comments: | | <u> </u> | | <u> </u> |
| | Posted to NGB FOIA | Reading Room | BEST AV | AILABLE C | OPY | FOIA Requeste | ed Record #J-15-0085 (MD) |

| only | Sample No. | Constituents | Results | Remarks |
|-----------------|---------------|---------------------------------------|--|----------------------------|
| | 038 | | | 2 and buttle |
| | 039 | · · · · · · · · · · · · · · · · · · · | | 450 buffle |
| | 040 | | | Blank |
| | 04/ | | | Door BASII- |
| | 042 | | - | HAIT Opposite |
| | 043 | | | Flor new does |
| $-\bot$ | 014 | · · · · · · · · · · · · · · · · · · · | | Flage pear due |
| | 045 | | | flow year door force I hox |
| | 046 | | ļ - | Blent |
| | | | | U DENTE |
| | | | | |
| | | | | <u> </u> |
| | | | | |
| | | | <u> </u> | |
| | | | · | · |
| | | · | | |
| | | | | 1.7 |
| | | | | |
| | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | · · · · |
| | | | | · |
| | | | | |
| | ··· | | |] |
| | | | | <u> </u> |
| - }- | | · <u> </u> | | |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Annapolis Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Annapolis Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Annapolis Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Annapolis Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





Chapman, Shirley A CIV NGB

From: Non-Responsive TC (RET) MDARNG

Sent: Wednesday, July 26, 2006 10:15 AM

To: Non-Responsive CIV NGB

Cc: V MDARNG SPC MDARNG

Subject: Project completion- Annapolis Readiness Center, 18 Willow Street, Annapolis, MD 21401-3113

Shirley,

Pursuant to the project specification, the above referenced project has been completed. The contractor:

ARC Construction Services, Inc.

2025 Inverness Avenue Baltimore, MD 21230

443-573-0292

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

Non-Responsive

| | | В | ULK SAMPLI | E DATA | | |
|----------------|--------------------------|----------------------------|--|---------------------------------------|---------------|---|
| | For | ise of this form se | e USAERA TG 14 | 1: the propo | ent is HSHB-I | .0. |
| vurunuc | Quart Bareau | . 301 IH OLD BAY 1 | including Zip Co LANE, AHN, NGB Grace MB 210 | Aug. L. ST. | | ponsive pvon) |
| Sample | d Installation | | Project Numb | | ARLOC | -0273 EXT 18 |
| annav | oolis arm | POLV | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . , | ANEOC | |
| | B Collected By | en Cooper | Date Collecter | _ | Date Ship | ped |
| Descrip | tion of Opera A RUNGE | CONVERTED s (be specific) | to Locke | | Location | (BLDG/AREA) |
| Associa Ye | ated Air Samp s 🔀 No | les | If yes, list s | sample num | bers | |
| Trade N | lame | | Label Informa | | | |
| 11004 14 | I WIII A | Į N | SN | Manut | acturer | |
| Address |) | | | MSDS | Attached | |
| | | 2 47 | | | Yes | □No |
| | 1 | ad Wipes - | - Furnace | method | (| |
| ab Use Only | Sample No. | Constitu | ents | Result | 3 | Remarks |
| | ANN 09224 | | | | LAS, R. | ar, lane 1 on floor |
| | 00 1 ANNO 9224 | | | · · · · · · · · · · · · · · · · · · · | in Coc | ner /" from ea. lockei |
| | 002 | | | | In Fire | ing lane 2 behind |
| | ANN 09 224 | | | , | tirine | rine between large a |
| | 003 | <u> </u> | j | | | |
| 1 | ANN09224 004 | | | | RHS 1 | <u>Cled 4 infront of lacker</u> 40 Dall above locker |
| | ANNO 924 005 | | | | | g above locker 45 |
| Comment | s to Lab | | | | (Continu | ed on other side) |
| | | | Lab Use Onl | v | | |
| Analyst (| (initials) | Reviewed B | | | Received | Date Reported |
| rocedur | es Performed | Comm | nents: | | | |
| | Dooted to NCD FOIA | | REST AVAILAR | RI E COPV | FOIA Damorata | 4 D1 // 1 45 0005 (MD) |

| | | BULK SAMP | LE DATA | |
|----------------|------------------|---------------------------------------|---------------------------------------|--|
| ab Use Only | Sample No. | Constituents | Results | Remarks |
| | ANN 092204 | | | Walt locker 35 |
| | 006 | | | top (KHS of Room) |
| | ANNOTETOY | • | | RHS Ventilation |
| | VND0 SSSOA | | | long run opposite grill Center above ventilation ductwork near locker LHS wall locker top |
| | 1 <i>008</i> | | | Center above ventilation |
| | MNH092201 | · · · · · · · · · · · · · · · · · · · | | 1 15 S wall locked in |
| · | 009 ANN092204 | | <u> </u> | The work to the state of the st |
| i | 0/12 | - | | LAS Wall locker to |
| | V PL 00 5550A | | <u> </u> | 4th 2 Wall locker top |
| | 011 | | | LHS Wall Locker |
| Ī | ANN 04 2204 | | | Para A T ONUCE |
| <u> </u> | 0/2 | · | <u>[</u> | Rear wall locker |
| | 013 | - | | Reac wall inside |
| - | HUN OPEROY | | <u> </u> | locker #26 |
| | 014 | | | Rear wall inside locker #26 Rear Wall on top of locker 29 Benind door opining to range near stairs |
| | ANN092204 | | | Report ACDC SOCKED to |
| | 01.5 | | | com pear stairs |
| ļ | ANN090209 | - | | 0/ / 1 |
| - | ANN092204 | | <u> </u> | Blank) |
| - 1 | 017 | | | 81.62 |
| · — | ANDOGEROU | · | <u> </u> | Blank) |
| —— <u>—</u> ′ | 018 | | | on wall above work fountain in hollowy |
| | | - | · | A TOOK IN THE HOUSE |
| | | <u></u> i | | <u> </u> |
| [| i | ļ | · · · · · · · · · · · · · · · · · · · | |
| | | | | |
| —.↓ | | | | |
| ł | [| | | - |
| + | - | | | |
| ĺ | 1 | 1 | | 7 |
| - | | | | <u>- [</u> |
| | | 1 | | |
| | | | | |
| _ | | | | j i |
| | | - | <u> </u> | |
| | | <u>-</u> | | <u></u> |
| | | 1 | | , |
| | | · · · · · · · · · · · · · · · · · · · | | ļ. <u>.</u> . |
| — ‡ | | | | · · · · · · · · · · |
|] | | | - | |
| + | | | | J |
| | 1 | | | |
| | - | | | <u></u> |
| | | . 1 | - | |
| - | | | <u> </u> | |
| L | |] | | 1 |

Posted to NGB FOIA Reading Room May, 2018

Released by National Guard Bureau Page 49 of 5269

4. Comments:

AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

130303 30303

| | | | | | | | | Non-Re | | Vig. 7 3 | -By (Print): V | | | | | lyzed: | me Anal Renorte | Date/Time Analyzed: Results Reported To: | |
|---------|--|--|-----------------------|--------------------|-------------------|-------------------|---------------------|------------------------|-----------|--|--|--|--|--------------------------|---|--|--------------------|---|------------------------|
| | | | | | | | | By (Printesponsive | By | BY | 1860 E | Via: | - @ 2/1 | 8 | 1/2 | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:////// | me RCV | RATORY STAFF ONLY I. Date/Time RCVD: | LABO |
| | | | | | | | | | | | _ | A | | | | AND THE PROPERTY OF THE PERSON | w W | AND -042204 -013 | ٥٠ مريم |
| | The state of the s | | | | | | | | | | | | | | ļ | ************* | 2 | ANN-092204-0/2 | 250.0 |
| | THE | | 1 | | | | | | | | | - | | | - | | ľ | 110-402260-011 | טיטיים |
| | TROUGH THE TROUGH THE TROUGH THE TROUGH THE TROUGH THE TROUGHT THE | | | | | | | | | | | ļ | | | | | | ONN DOLLON OND | SNN D |
| Ву: | ime: Contact: | Date/Time: | | 1 | | | | | | | | | | | | | | AUN 612204-009 | A 200 69 |
| | | | | i i | | | | - | | | | | | | | | | ANN-042204-008 | AWW. C |
| | | | | 3 | ** | | | | | | | | | | 1 | | | ANN-042204-00 + | \$ X 2 0 |
| , | | | | | | | | | | | | areca | | | | | | ANN 092204-006 | AWW. O |
| By: | ime: Contact: | Date/Time: | | | | | | | | | | | | | (A-2) | | | ANN-092204-005 | ANN-O |
| | THE PROPERTY AND A PARTY. | | | | | | | | | | | ka-19 | | | | | | VOO-402250 NAV | ANN O |
| | | | | | | | | | | | | - | | | | | | ANN-09220+003 | ANN-0 |
| | THE THE PROPERTY OF THE PROPER | | | | | | | | | | | ļ <u>-</u> - | | | | | | AUN -092204-002 | 0 . NA |
| By: | ı | Date/Time: | | | | | | | | | | 4°×4" | | | | | | 092204-co | ANN. |
| BEST | CLIENT CONTACT (LABORATORY STAFF ONLY) | ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; | WATER AND OTHER | MATKIX ULK WIPE | BULK | AJR | OTHER | LEAD | 7 | PCN | TEM | WIPE AREA | VOLUME (LITERS) | ORMATIO VC DATE (L | DA | SAMPLE ANALYSIS INFORMATION VOL SAMPLE LOCATION DATE (LIT | SAM | CLIENT ID NUMBER | 2 Ω |
| | Company of | N. | | | | | | ĺΛ | to | | 4 | Joan | > | | [QTY] |) | 1/2 | Other (specify | □ (9 9 |
| | (QTY) | ☐ Other (specify | □ Othe | | | | | Į, | 13 | 5 | Some report | | ķ | | OTY. | (QTY) | 201 d V I | I Grav Reduction El AP 108 1 | |
| | (0.00x) | Radon | Radon | CTTAT | | | (2) | • | | 100 | □ EPA 100.1_ | □ EPA | | | (QTY) | (QTY) | Estimate. | ☐ EPA 600 – Visual Estimate ☐ EPA Point Count | |
| | • | and Amelicai | ann l | <u>.</u> | | | | (QTY) | | Qual. (pres/abs) | ☐ Qual. (pres/abs) | J C g Qu | | • | | | | , | PLM Bulk |
| | Dust Wipe Furnace (wipe type)) | Wipe Furna | Dust | | | , | | , | ₹°8 H | , | | TEM Water | Ħ | _ | (OTY) | (QTY) | | Other (specify | ₽ 2 2 |
| | (OTY) | Waste Water | | | | (OLY) | Q Q | | 5480-99 | Ouan. (s/area) Dust D6480-99 | m. (s/area | D (| | | | -(QTY) | l Q | AHERA | 0.0 Se |
| | (YTQ) | P Vina Water | I TCLP | | | QTY) | <u> </u> | 0.5 | um/Dust | ☐ Qual. (pres/abs) Vacuum/Dust | d. (pres/a | | | | | in a 25mm 37mm | in a | PC MCE Porosityin a 25n | PC |
| | (QTY) | Solid | Soil/Solid | | | | | | | | | TEM Dust | H | | | (QTY) | | ☐ Fiberglass | |
| (11) | (OFY) | odra) odras | D L Air | | | | (((11) | [STS] | | 1700 1000 | Residual Ash | □ Resi | | | | (QTY) | | NIOSH 7400 | <u></u> |
| į | (QTY) | Chip | D Pain | | | | QTY) | | | ☐ ELAP 198.4/Chatfield | ☐ ELAP 198.4/Chatfiel | | | | | in a 25mm 37mm | in a | PCM Air - Please Indicate Fifter Type: PC MCE Porosity in a 25n | PC N |
| | ř | Sis | d Analy | Lead | | | | | | | | TEM Bulk | Ħ | | | • | ! | Asbestos Analysis | Sbesto |
| | | ail Copy:_ | □ Em | 32 | 7 | 677 | 8 | | | | | X Co | ▲ Fax Co | | | @ cell # | | S.* | ☐ Verbals: |
| -schedu | vided as soon as technically feasible): By A Thomas After-Hows* 24hr After-Hows* Late-Night* (*must be pre-schedulest) by the control of the | hr After-H | * ⊡:: □:: | ly feas Hours | chnical LAfter | n as tea ∐Immo | d as soo Day + [| provide | will be j | Reporting Information (Results will be provided as soon as | ation (1 | ng Inform | Syring - | @ []% | 94 | 10/1 | \equired | Date & Time Results Required: | Date & J |
| | | Signature | | | | , | | Submitted by: | . Subn | 5 | Comments of the Comments of th | A section of the sect | ************************************** | | Fax # | 0273 | 942 | Phone # 4/0 | 5. Phon |
| | @ phone # | | | | | | on: | Contact Person: | Cont | 4 | | | | | | | | 1 | 4. Addı |
| | empression provides the provides of the control of | 0.# | .0 | | | | | 1 | . Job,#. | 3 | | تد | 8001 | 2 | 2 | Gusca ' | 5 | Address 2: भिक्राह | Addr |
| | | | | Z | 1 | 16 00 | AA | Job Location: | | ļ ;2 | | | | 600 | 12 | 012 Bay | Te. | Address 1:301 · 1 | 2. Addı |
| | THE CONTROL OF THE CO | | | ~ | 2 :0 | 30 | Þ | Job Name: | Job | - | | | | guard | Ş | Netional | W. | Client Name: Acres | 1. Clier |
| | | | | | | | mation: | Submittal Information: | ubmitt | Ś | | | | | | - | nation: | Mailing/Billing Information: | Mailing/ |
| | | | | | | | | | ,, | | | | • | | | | 3 | www.amalab.com | ¥ |

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| Industr | ial Hygiene S | | | | |
|-------------------------------------|---------------|---|--|------------------------------------|--|
| Batum Address ARNG | | | tact (name & | | 410- |
| Return Address ARNG 301 IH OID B | AY LANC | | Respon | SIVE | 942.02 |
| HAURE de GR | ACE, M.D. D.K | Samples Co Non- | -Responsi | | |
| Sampled Facility | City | State | 1 . | ı (bidg/area | a) |
| IFR (Decon) | OGALUA | is MA | | MORY | |
| Description of Operation | | Date Collected | | e Shipped | مای |
| IFR | | 30 MAR | 06 | 4 M O8 | E 06 |
| Analysis Desired | D | | | | |
| Sampling Data | | | | | |
| Lab Use Only Sample | # Results | s | Rema FFICOA | rks | A |
| ANN -1 | | Midal of | of thook | DF+ 151 | HOL LLACK |
| | | 001 1010 | CRIVITY UN | 6 41 120 | Bung |
| ANN-2 | - | RY SIA | chind wh | 11 6" | DiA |
| ANN 3 | | (A) SIDE | tloors a | weigh o | EAN PAIN |
| Anny | | 017 11001 | P. Rt sibe | BYAR' | + Of MYCK |
| ANN 5 | | ON Les | ZRENZOU FWAIL, 3 | 1 1 1'0 | L, 3PF |
| ANN J | 1 | DON'N'D | where a | 541 1741 | マノホーンパパオナーフ |
| | | 01 G Lot | ししゃいへんしん | 140 | من حريماهم |
| ANN | o | DN RIG | htzide-3 | JARINK! | er zyster |
| ANN- | | ON RIG AL ENT ON RT: | | | ibri mler fort mler fort |
| ANN | 1 | 01 R19 01 Rt 01 Rt unit | of Ductu | ork m | 1924 1946, 1924 1924 1924 1936 |
| Ann-8 | 1 | 01 R19 01 Rt 01 Rt unit | of Ductu | ork m | 1924 1946, 1924 1924 1924 1936 |
| ANN-8 ANN-9 | 1 | ON RIO At ent ON Rt: UNIT ON TOP DULKY Behind DIENU OUTSION | of Ductu trapar n area N area | Purk Plock ev ev ovr w | er in times |
| Ann-8 |) : | ON RIO At ent ON Rt: UNIT ON TOP DULKY Behind DIENU OUTSION | of Ductu | Purk Plock ev ev ovr w | er in times |

Custody form # 148404

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industrial | Hvaiene S | Surf | ace Wipe San | nple Sheet |
|----------------|------------|-----------|-------------|--|--|
| | | | | | (name & phone #) |
| Return Addres | s ARNG | | | 410-942 | |
| 301-1H | OID BAY |) LANG | | | |
| | de Gbace | | \T& | Samples Collecte Non-Respo | onsive |
| Sampled Facili | ty . Conce | ity ~ | 350 | State | Location (bldg/area) |
| IPR (De | | LOGANNE | <u>'</u> -< | mD | Basement |
| Description of | Operation | 110100701 | Dat | e Collected | Date Shipped |
| IFR | • | | 37 | JOSAM C | 30 MAR 06 |
| Analysis Desir | ed AD | | 1 6 | 3 | |
| Sampling Data | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Lab Use Only | Sample # | Result | s | - | Remarks |
| , | | | | Storage Rm | floor, Rous ADJACENT |
| | ANN - 13 | | | to RANGE, | Bungangan exhaus |
| | MN-14 | | | ON BASE O | FLOOR, ROUS ADJACENT BUNGENIPATH EXHAUS CARD LENTER IN |
| | Ann- 15 | | | Stokage A | Then SINK IN IN STORAGE AREA |
| | ANN - 16 | | | | |
| | FINNA | | | DN FROM | NAME AND LEAD SY 35 9AL LAS LEAD |
| | ANN -18 | | | 1 1 1 1 2 2 2 2 2 | STAIR OUTSIDE |
| | ANN-19 | | | CONTAINI | rockit |
| | ANN-26 | 3 | | 1 | TONTAIN THENH |
| | 16- MNA | | | Blank | |
| | ANN-22 | - | | BLANK | |
| | | | | | |
| 0 | Lab | | | | |
| Comments to | LaD: . | | | | |

Posted to NGB FOIA Reading Room

May, 2018

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

TICALL CFAIL REVUITA

(Please Refer To This Number For Inquires)

148404

| 4. Comments | 3. Results I | 2. Date/Tim | LABORATORY STAFF ONLY 1. Date/Time RCVD: | コススーン | アエス・シャ | アススーニ | AZZLIO | DZZ-9 | AZZ-X | アンスード | アストン | アススーム | アスス・シ | DZZ-2 | アルスーー | CLIENT ID NUMBER | ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 ☐ Other (specify | ☐ EPA 600 - Visual Estimate ☐ EPA Point Count | Other (specify | I AHERA NIOSH 7402 | PC MCE Porosity | TEM Air - Please Indicate Filter Tyre: | NIOSH 7400 | PCM Air - Please Indicate Filter Type: | Asbestos Analysis | Date & Time Results Required:///// | 5. Phone # 17 0 | Address 3: | 3. Address 2: Hely | Mailing/Billing Information: 1. Client Name: A P. No. |
|-------------|-------------------------|-------------------------|---|--|---|-------|--------|--------------|-------|-------|--------------|-------|-------|--|---|---|--|---|----------------------------|-------------------------------|---|--|-----------------------------|--|-------------------|--|------------------|-------------------|--|---|
| S. | 3. Results Reported To: | 2. Date/Time Analyzed:/ | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: // | | | | | | | | | | | The state of the s | | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION D/ | (QTY) | (ALD) | | (QTY) | in a 25mm 37mm | (QTY) | (QTY) | Filter Type: | S COUR | aguired:// | - 148 CR. T. | | 50 00 00 00 00 00 00 00 00 00 00 00 00 0 | Zig |
| | | | | | | | | | | | | | | | 7 V V V V V V V V V V V V V V V V V V V | VOLUME VOLUME | _(QTY) | (ALD) | _(QTY) | | | Н | | | <u> </u> | © | ;* * | | RACE TUS | |
| | Via | By (Print): | Via: | | | | | | | | | | | | TXT | AREA EM ANALYSIS | ☐ All samples received (TEM Water samples_ | ☐ ELAP 198.2/EPA 100.2 | ☐ Qual. (pres/abs) | ☐ Quan. (s/area)Dust D6480-99 | ☐ Qual. (pres/abs) Vacuum/Dust ☐ Quan. (s/area) Vacuum D5755-95 | TEM Dust | Residual Ash | LELAP 198.4/Chatfield | TEM Bulk | | 712 027 | | 3400 | b) |
| | Date: | | By (Print): | | | | | | | | | | | | | MOLD AIR | All samples received in good condition unless otherwise noted. (TEM Water samples°C) | 00.2 (QTY) (QTY) | (QTY) | | um D5755-95 |) | (QTY) | ď | | □Immd. ⊠24hr □48hr □72hr □5 Day+□km | 5. Submitted by: | 4. Contact Person | 2. Job Location: 3. Job #: | Submittal Information: |
| | | Sign. | | | | | | | | | | | | | | BULK DUST MATRIX SPORE TRAP | s otherwise noted. | | | (QTY) | (OTY) | | | | ı | | | | 17K 51 | 17 |
| | Time: | | Sign: | | | | | Date/Time: | | | Date/Time: | | | | Date/Time: | TAPE SWAB | Surface Swab | Mold - Direct Microscopic Analysis | Usi wipe rumace (wipe type | ☐ Waste Water | Drinking Water | Soil/Solid | O Air wipe (wipe type (QTY) | Paint Chip | Lead Analysis | md. After-Hours* 24hr After-Hours* | gnature:_ | (8) | P.O. # | |
| | Initials: | | | i nomo e e nomene de la companie de | THE RESIDENCE OF THE PROPERTY | | | ne: Contact: | | | ne: Contact: | | | | ne: Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | (QTY) Other (Specify) | pic Analysis _(QTY) | æ (wipe type) | (QTX) | (VIY) (VIY) | (QTY) | (QTY) | は一般でいると | | urs* []Late-Night* (*must be pr | | phone # 410-942 | C *+102 | 35 (MD) Bureau of 5269 |
| | | | Po Ma | sted | to 1 | NGE | l | B Y: | Rea | ding | ву: om | | | | By: | | AVAQUA | BLE (| COP | | | | FOL | A Re | eque | e-schedul ste g Re sed by | ecoro Natio | nal (| 5-008 3uard ae 53 | 35 (MD) Bureau of 5269 |

The configuration of the control of

PMA Analytical Services, Inc.AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com

CHAIN OF CUSTODY

TORKO CONAIL REVERTA

(Please Refer To This Number For Inquires)

| | | Signi | | | | | Date/Time: Contact: | | Date/Time: Contact: | | | | Date/Time: Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | ١ | copic A | Dust Wipe Furnace (wipe type | ng Water(V.1 | olid (QTY) | Wipe (wipe type : < >)_ | EM Bulk Lead Analysis DELAP 198.4/Chatfield (QTY) Deltap 198.4/Chatfield (QTY) CONTY | Copy: | γr Affer-Hours* □Tate-Night | @ phone # 😂 🗓 | .#. | たてGCチャークス |
|-----------------------|---------------------------------------|--|-------|--------|------|-----------|---------------------|-------------|--|------|---|-----|---------------------|---|--|--|------------------------------|---|-------------------------------|--------------------------|--|---------------|---|----------------------------|--------------|------------|
| | | | | | | | | 1 | | 2 | 1000 | - | | 3WAB | urface urface | e T | - ₹ | | ັ ຣັ | - ≶ | Ö & | | 1 | | | 医江 |
| , | | | | | | - 1 | | - 1 | 7 | | | П | | 0 | 80 80 | Dir | Dust | Drie V | ☐ Soil/Solid_ | Air_ | unaly Paint | Emai | e): ∃>4। | | _ P.C | 77 |
| | <u>بر</u> | | H | | | | | | | | | | | TAPE | ٥٥ | D . | 0 | 000 | , o | οc | Lead A | | feasibl | | | 7 (F |
| | Sign: | | | | | | | | | | | | | SPORE TRAP | 8 | | | | | | | | ically | | | F+ |
| | | | | | | | | 2007 | | | | | | DUST MATER X | vise not | | | 3 | | | | | techn | | | (1/ |
| | | | | | | | | | | | | | | BULK | sotherw | _ | Ž: | | ÒTY. | | | | | | | 77 |
| | | | | | | | | | | | | | | AIR | n unles: | (QTY) | | | | QTY) | (YIV) | * ! | ed as s | S. Ison: | | Ä. |
| | | By (Print): | | | | | | | | | | | | MOLD | conditio | 3 3 | OT | -95 | | ZI Z | | @ [ax | provid □ | nitted l | .* | Locatio |
| | | B | | . Jane | | | | | 200 S | | | | 4 | LEAD | n good c | QT | | 1D5755 180-99 | | | | | | Subn | Job ; | Job I |
| 1 | | | | | | | | | 200 200 200 200 200 200 200 200 200 200 | | 4 22 4 22 12 33 12 | | | PCM ANALYSIS | ceived in | PA 100. | ب ر ا ا | Vacuum Vacuum |) Vacana | /TEM_ | hatfield | | Sults v ∏48} | ₩¥5. | . μ.χ . ω | . I |
| | By (Print): | | | | | | | | | | | | | 1 | nples rec | 198.2/E | ores/abs | (s/area) (s/area) | pres/abs | nte PLM al Ash_ | 198.4/C | | on (Re | 2 | rl IX | |
| | | _Via:_ | H | | | | | | | | | | | T_{E_M} | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples^C) | ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 | LWater | ☐ Quan. (s/area) Vacuum D5755-95 ☐ Quan. (s/area) Vacuum D5755-95 ☐ Quan. (s/area)Dust D6480-99 | [Dust Ones/abs) Varuum/Dust | Residua | ELAP | opy: | ormati nınd f | 13 | 100 | |
| | ® | | | | | اوسيستاهد | | | | | - | | こ イン イン | WIPE | a o | ا م م | TEM Water | 001 | TEM Dust | 00 | TEM Bulk | ☐ Fax Copy: _ | ing Inf ∏∏ | -5/2 | | 77 750 |
| | | ® | | | | | | | | | | | | VOLUME (LITERS) | | | | | | | | 0 | Reporting Information (Results will be provided as soon as | 10 | | 5 |
| | | ì | - | | | | | | | | | | 832 | | 5 | | ぢ | | | | | | 9 | Fax# | R | 1 % 1 |
| | Ì | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | | | | | | | 8 | NOIT N | '(QTX) (QTX) | (ALD) | (QTY) | | | | | | results | ارا ارا | T. A | |
| | | (CUST) | | | | | | | | | | | | MPLE INFORMATION DENTIFICATION | (QTY) | CTC | 3 | in a 25mm 37mm (QTY) | | (QTY) | 3 | @ cell # | eets with | | in C | |
| 3 Decults Denouted To | Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:// | | | | | | | | | | | | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION D. | Y | | (QT3) | in a 25m (QTY) | Filter Type: | (QTY) | iter Type: | | ☐ Please include COC/field data sheets with results Date & Time Results Required: / | 3 % PC | 0 | |
| Acrylto Da | ate/Time | I Date/Time RCVD: | | P | | O | | | | | | | | | NY State Friable Grav. Reduction ELAP 198.1 Other (specify | □ EPA 600 – Visual Estimate □ EPA Point Count | #y | osity | Indicate Fi | 00 | Asbestos Analysis PCM Air – Please Indicate Filter Type: | | ☐ Please include COC/field dat Date & Time Results Required: | 0/3 | 180 | 8 |
| 'n | 2. D | RATOI | D NN- | ZZ. | スエーン | こところ | Σ Ζ -Ω | Z Z W | アスス・6 | - 27 | アアとして | 2,8 | エエリー | CLIENT ID NUMBER | NY State Friable. Grav. Reduction I Other (specify | PLPUBUIK EPA 600 – Visual EPA Point Count | ☐ Other (specify. | PC MCE Porosity | TEM Air – Please Indicate | D NIOSH 7400 | Asbestos Analysis PCM Air – Please Inc | O Verbals: | include Time Re | Address 3: _ Phone #: 그 | Address 2:_ | Address 1: |

AIHA (#100470) NVLAP (#101143-0) 4475 Forbes Blvd. • Lanham, MD 207((301) 459-2640 • (800) 346-0961 • Fax RMA Analytical Services,

Mailing/Billing Information:

せってい MEAT REVERY

| AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham. MD 20706 (301) 459-2640 • (300) 346-0961 • Fax (301) 459-2643 www.amalab.com | 920) CHAIN OF CUSTODY | (Please Refer To This Number For Inquires) 148404 (MD) Guard Bureau |
|---|--|--|
| Address 2: HAURE OF GRACE | TALE 2. Job Location: TER ATA | PO. # Record |
| 10-942 0273 Fax# | 4. Contact Perso | ************************************** |
| ults @_ | Sign D | ☐Late-Night* (*must be pre-schedulss |
| Verbals: @ cell # | ☐ Fax Copy:@ fax # | Сору: |
| E E | اً | 1000 JV |
| UNIOSH 7400 (QTY) | D Residual Ash (OTY) | (QTY) |
| | 5 | Solid(QTY) |
| PC MCE Porosityin a 25mm 37mm | -95 | er(QTY) |
| 7402 | TEM_Mater One | O Dust Wipe Furnace (wipe type)((\(\vartheta\)Y)) |
| M. Bulk D EPA 600 - Visual Estimate (QTY) OTTY: | (QTY) (QTY) | copic Analysis(QTY) |
| 5LAP 198.1 | All samples received in good condition unless otherwise noted. (TEM Water samples°C) | ☐ Surface Swab (QTY)☐ Surface Vacuum Dust (2017)☐ Surface Tape (QTY)☐ Other (Specify) (QTY) |
| SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION DATE | VOLUME WIPE / M / M / M / AR / BL / ST MATRIX CUTERS) AREA / H / PC / PL / LE / M / AR / BL / ST MATRIX MATRIX AREA / H / PC / PL / LE / M / AR / BL / ST MATRIX MA | $ \begin{array}{c c} & CLIENT CONTACT \\ \hline & S \\ \hline & (LABORATORY STAFF ONLY) \end{array} $ |
| 30,000 M | - XH, | Date/Time: Contact: By: |
| 12216 | | ding R |
| アスとし、父 | | Date/Time: Contact: By: R |
| アスス・コンプ | | FOL |
| ススーや)のやスケ | | |
| カムス・シャーの一の人人 | | Date/Time: Contact: By: to |
| | | P o Ma |
| | | |
| ARORATORY STAFF ONLY: (CUSTODY) | | |
| LABORATORY STAFF ONLY: (CUSTODY) | | |

BEST AVAILABLE COPY

□ Verbals:

Date & Time Results Required:

D Please include COC/field data sheets with

PLM Bulk

D EPA 600 - Visual Estimate.

PAN-14

A22-16

エススーと

1. Date/Time RCVD:

By (Print):

Attention:

A Specialized Environmental Laboratory

nalytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address: Qiesa National Guard Bureau

Havre de Grace, Maryland 21078

301-JH Old Bay Lane, Attn: NGB-AVN-St, State Military Reservation

P.O. Number: Job Number: Not Provided

Job Location: Amapolis, MD

Job Name:

Atutapolis

Not Provided

Date Amplyzed: Chain Of Custody:

9/29/2004

130303

Report Date: Person Submitting

29-Sep-04

Page Lof2

Summary of Atomic Absorption Analysis for Lead

| THE RESERVOIR STATE OF THE PARTY OF THE PART | AMA Sample Number |
|--|----------------------------------|
| Allaharandalaran | Client Sample Number |
| | Analysis Type |
| | Sample Type |
| | Air Volume |
| THE | Area Wiped (ff²) |
| | Reporting Limit |
| | Final Result |
| | Resporting Final Result Comments |

| 0469861 | 0459860 | 0469859 | 0469858 | 0469857 | 0469856 | 0469855 | 0469854 | 0469853 | 0469852 | 0469851 | 0469850 | 0469849 | 0469848 | 0469847 | 0469846 | 0469845 | |
|----------------|----------------|----------------|--------------------|----------------|----------------|--------------------|----------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
| ANN-092204-018 | ANN-092204-017 | ANN-092204-016 | ANN-092204-015 | ANN-092204-014 | ANN-092204-013 | ANN-092204-012 | ANN-092204-011 | ANN-092204-010 | ANN-092204-009 | ANN-092204-008 | ANN-092204-007 | ANN-092204-006 | ANN-092204-005 | ANN-092204-004 | ANN-092204-003 | ANN-092204-002 | |
| 810 | 017 | 916 | 015 | 014 | 013 | 012 | 110 | 010 | 906 | 800 | 007 | 98 | | <u>\$</u> | 003 | 002 | |
| Furnace | Furnace | Fumace | Furnace | Fundage | Funzace | Funnace | Funse | Functor | Funtace | Fontace | Furnace | Funace | Source | Fuznace | Fumase | Funtace | |
| Wipe | Wipe Blank | Wipe Blank | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | • |
| **** | **** | *** | ** | a section | * | ** | 1 | ### 0 # | 1 | *** | *** | *** | **** | **** | * | *** | |
| 0.111 | N/A | N/A | 0.113 | 131.0 | 111.0 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.131 | 0.111 | 0.111 | 0.111 | 0.111 | 0.11.0 | |
| | | | | | | | | | | | | | | | | | |
| 2,70 | 0.30 | 0.30 | 2.70 | 2.70 | 2.70 | 2.70 | 337534 | 2.70 | 2.70 | 67.51 | 2.70 | 2.70 | 2.70 | 2.70 | 135.01 | 67.53 | |
| 2,70 ug/ff* | 0.30 ug | 0.30 ug | 2.70 ug/ft² | | | | | | | 67.51 ug/t³ | | | | _ | _ | 67.51 ug/fit | |
| ug/ff* | 90 | Sn. | ug/fi ^r | யஜரிர் ச | ug/ff | ng/ft ^a | ng/ft. | Constitution of the consti | ang/ga | | og/ff² | £8/8n | ug/fir | | _ | _ | |

an an an ample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and builty for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise, requested by the client. NVLAP Accreditation. applies only to polarized light microscopy of bolk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product critification, approval, or coderscenent by NTLAP, NIST, or any agency of the Federal Government.

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

All rights resursed. Abids Analytical Services, Inc.

FOIA Requested Record #J-15-0085 (Management of the Released by National Guard Bureau Page 56 of 5269

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Valame

Area Wiped

Repeating

Final Result

Comment

Namber

Address

301-JH Old Bay Lane, Attn: NGB-AVN-SI,

Qiene:

A Specialized Environmental Laboratory

nalytical Services, Inc.

CERTIFICATE OF ANALYSIS

National Goard Buntan Chain Of Custedy:

Attention:

Havre de Grace, Maryland 21078 State Military Reservation

F.O. Nember:

Not Provided Not Provided

Jeb Number:

Jab Location: Jeb Name: Asmapolis

Annapolis, MD

Date Analyzed:

9/29/2004 130303

Person Submitting

Report Date:

29-Sep-04

Summary of Atomic Absorption Analysis for Lead

Analysis Method for Flame: Air, Wipes, Paints, and Soll/Solfes: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Note: All results have two significant digits. Any additional digits shown should not be %Pb = percent lead by weight N/A ≃ Not Applicable mg/kg = parts per million (ppm) by weight - mg/L = parts perm ug = micrograms ug/L = parts per billion (ppb)

BEST AVAILABLE COPY

considered when interpreting the result.

Analysis Method For Furnace: Air, Wipes, Paints, and Soll/Solids: EPA 600/R-90/200(M)-7421; Water: SM-3113B Anal on-Res ponsi

Technical Manager

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (Market Released by National Guard Bureau Page 57 of 5280

An AHHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

Cability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise arequested by the client, NYLAP Accreditation

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AlifERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorscutent by

NYLAR, NIST, or any agency of the Federal Government.

All rights reserved. AMA Analytical Services, Inc.

May, 2018

| | | E | ULK SAMPL | E DATA | | |
|----------------|---|------------------|--|---------------|--------------|---|
| | For us | e of this form s | ee USAERA TG 14 | 1: the propon | ent is HSHB- | .o. |
| raiwnal c | SUOTUL DUTYAIL . | SOLIH CILDISAV. | including Zip Co LANE, Alln: NGB Grace, MD 210 | Anna Comilia | Non-Res | ct (name/AUTOVON) Sponsive - 0273 Ext 18 |
| Sampled | Installation | (V | Project Numb | | ARLOC | 1 1 1 1 |
| 1 7 | Sollected By | i Cooper | Date Collecte | _ | Date Ship | ped |
| Ficina | ion of Operation | priverted | to 1 octo | | Location | (BLDG/AREA) |
| | ted Complaints | | | | | · |
| Yes | · · | 18 | If yes, list : | |) ers | |
| Trade Na | ame | N | Label Informa SN | | acturer | |
| Address | | | | мара | Attached | □No |
| Analysis | Desired Lead | d Wipes | - Furnace | method | <u> </u> | |
| ab Use Only | Sample No. | Constitu | | Results | | Remarks |
| | ANN 092204 00 1 ANN 09224 | | | | 11 Coc | ear, lane I on floor ner 1 from ea. locker ing lane 2 behind |
| | 002 ANN 09224 003 | · · | | | firin | or, in firing Wheth 4 |
| | ANN09224 OOY ANNO 924 | | | | 45 | ried Vinfrontoflador 41 Wall above locker |
| Comments | 005 | | | | | g above locker 45 ed on other side) |
| | | | | | (CONTINU | ed on other side) |
| Analyst (i | initials) | Reviewed B | Lab Use Oni y (initials) | | Received | Date Reported |
| rocedure | s Performed | Com | ments: | I | | |
| EHA Forn | Posted to NGB FOIA. nMay PQ16 Oct 84 | Reading Room | BEST AVAIL | ABLE COPY | | sted Record #J-15-0085 (MD) ed by National Guard Bureau Page 58 of 5269 |

| ib Use Only | Sample No. | Constituents | Results | Danash |
|----------------|-------------------|--------------|--------------------|---|
| | ANN097204 | | | Remarks |
| | 00% | | İ | WALL locker 35 hop (LHS of Room) |
| | AUN092204 | | | RHS Ventilation |
| | ANN092204 | | | RHS Ventilation long run opposite grill Center above ventilation |
| — <u>-</u> - | 4NN098204 | <u> </u> | ĺ | Center above ventilation |
| | ADD072201 | | | LAS wall locker top |
| | 00 9 ANNO92204 | | | |
| | 0/0 | | } | Litts, Wall locker top |
| ı | NW 092204 | | | IHS Wall Locker |
| | 40N 09 2204 | | | LHS Wall Locker |
| | 0/2 | | | Rear wall locker |
| | 013 | | <u> </u> | Reac wall inside |
| $\neg \neg$ | 013 NN 092704 | | | Rear wall inside |
| | 0/4 | | | Rear Wall on top of locker 29 Behind door opining to range near stairs |
| | WN097704 | | - | Behind door opining to |
| 1 | NN090234 | | | range near stairs |
| — <u> </u> | W NO 9 2 204 | | | Blank |
| [' | 017 | | | · · · · · · · · · · · · · · · · · · · |
| - A | NUOGEZOU | | | Blank) |
| | 018 | | | on wall above work fountain in helloay |
| | | - | | MAKE TOO MAJO IN TRUISAGE |
| | | | | _ |
| | | | | 1 |
| | | | | |
| | | | <u> </u> | <u> </u> |
| | <u>-</u> <u>-</u> | | | 1 |
| | · | | | |
| | | <u>-</u> | | <u> </u> |
| | —·—- <u>—</u> | | | |
| ļ |] | | | |
| $\overline{}$ | | ··- <u> </u> | ·— , —, | |
| - | ·· | | | |
| 1 | | | | - i |
| | | <u> </u> | | <u></u> |
| +_ | | | - | |
| i | | | | |
| | | | | |
| | | | · | |
| | | | | |
| | | | i | 1 |

Posted to NGB FOIA Reading Room May, 2018

FOIA Requested Record-#J 15 9985 (MD)
Released by National Guard Bureau
Page 59 of 5269

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

| ne # | de type (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) CLIENT CONTACT CLIENT CONTACT CONTACT CONTACT Additional Street Contact: | Contact: By: | Contact: By: | mitals: |
|--|---|---|--|--|
| Signature: Signature: Air After-Hours* atil Copy: tysis at Chip st Wipe (wipe type. USolid | ng Water Water Vipe Furnace (w s Analysis (specify Date/Time: | Date/Time: | Date/Time: | Sign: Sign: |
| benitts Job D Job I Job I Subn Subn (Cont | MARYSIS MARY LEAD OTHER AIR | | | dial) Via Via |
| Fax #. | COTY) COTY | P | (a) |
| www.amalab.com We defining Billing Information: Record Client Name: Army National Address 2: Hawre du Grace Address 3: Hawre du Grace Address 3: Phone # 410 942 0273 Phone # 410 942 0273 Phone # 2000 Process Sabestos Analysis PCMAir - Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm DINOSH 7400 (QTY) | PC MCE Porosity In a 25mm 37mm | ANN - 042264-002 ANN - 042264-002 ANN - 042204-006 Balana - 042204-006 ANN - 042204-006 | ANN - 047204 - 003 ANN - 047204 - 007 ANN - 047204 - 0/2 ANN - 042204 - 0/2 | LABORATORY STAFF ONLY: (CUSTODY I. Date/Time RCVD: 2. Date/Time Analyzed: 3. Results Reported To: |

Released by National Guard Bureau Page 60 of 5269

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

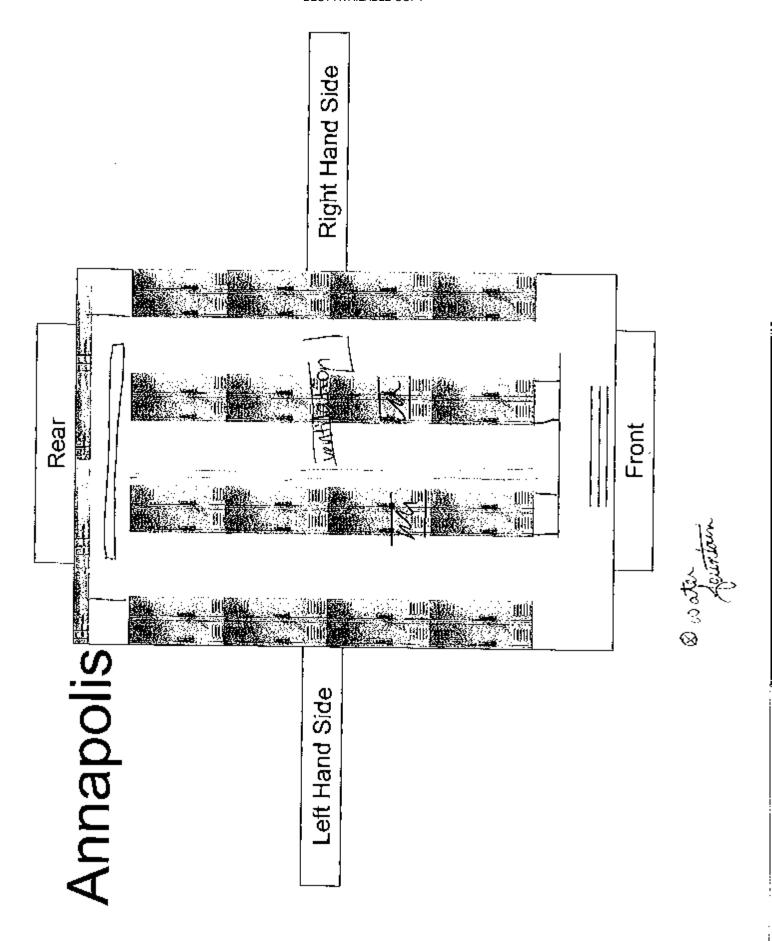
130303

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

| | 1 1 | 1 | ı | į | ନ । | | | & BEST | AVAILAE | BLE CO | PY | | | | | TT | | - 1 | 1 | |
|-----------------------------------|----------------------|--------------------|-----------------|--|---|--|---|--|---|--|------------|--|----------------|-------------------|------------|----------------------|-------------|---|----------------------|---------------------------------|
| | | | | a FT ide i sandrana (S para da lab | schedule | (QTY) | | BEST | | | By: | | By: | | By: | | | , | | |
| | | | | Commence Commence and Commence of the Commence | non (Results will be provided as soon as rechnically leasible): — South Court ("must be pre-scheduled) @ fax # 201 677 7132 Imade Copy. — Branch Copy. | _(QTY)(QTY) | ونتن ا ارتن (وتن | , pc) | (QTY) | CLIENT CONTACT (LABORATORY STAFF ONLY) | Contact: | The state of the s | Contact: | | Contact: | | | | | numar. |
| | | P.O. #. | @ bhone # | Signature: | teasible flows* []24hr After-Hours* []1 2 | pe type | Solid (QTY P (QTY king Water (QTY | umace (wipe t ysis | specify | WATER AND OTHER (LAB | Date/Time: | 77.32 | Date/Time: | | Date/Time: | 1.1.1.2 | 3 | Will Sign | | |
| on: Anne no is e | Anna polis, MD | | | | is technically feasible limited After-Hours* [677 7132 [] | Lead Analysis Deant C Dost W | | Mis | iŏ | MATRIX WARE O | | | | | | | | | | |
| Submittal Information: $A \sim 1$ | | | Contact Person: | Submitted by: | Suits will be provided as soon. | (QTY) (QTY) | (VTV) (VTY) | TY) (QTS) | 1 | LEAD OTHER | TOWARD. | | | | | | | By (Print) | | Date |
| Sub - | 2. | .9 | 4. | | | U BLAP 198.4/Chattield ONY State PLM/TEM | ADust Qual. (pres/abs) Vacuum/Dust Quan. (s/area) Vacuum D5755-95 Quan. (s/area) Pacuum D5755-95 | TEM Water Control Co | clear report in | WIPE AND AND AND AND AND AND AND AND AND AND | | | | | 88 | | | Via. | By (Part) | |
| 0,000 | 7406 | 21018 פרסו | | Fax # | Reporting Informs | | TEM Dast TEM Dast TEM Dast TEM Dast | · (X | ً الت | | * | | | * | | | | 9 | @ | |
| 1.1.2.2.1 | 014 800 | | | 0273 | reed | ter Type: _in a 25mm 37mm _(Orry) | (QTY) (QTY) :in a 25mm 37mm (QTY) | _(QTY) _ (Q | (QTY) 198.1 (QTY) | E ANALYSIS | | BLAWK | BLAUK | | | | | FONIX: (CUSTODX PCAD | Analyzed | oored To |
| A Mailing/Billing Information: | Address 1: 301 · 1 H | Address 2: Havre | | Phone # 410 942 | Date & Time Results Required D Verbals | ysis s Indicate Filt orosity | D Fiberglass (QTY) TEM Air – Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm D AHERA (QTY) | O NIOSH 7402 O Other (specify PLM Bulk O EPA 600 – Visual Estimate | ☐ EPA Point Count ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 | CLIENT ID | #10-h | ANN -092204-0/5 | ANN-892284-017 | No. 092204 | ADV CITTOH | AUN OG1204 | AND -042204 | ABORATORY STAFFONIA: (GUSTODY 1 Dir time Revid | 2. Date Time Analyze | 3. Results Reported 4. Comments |
| Pos Ma | ited /, 20 | i ตั to N 18 | ⊀ GB | ţç FO | A C | Room | E | BEST | AVAILAE | BLE COI | 7.171 | 483 | FOIA I | equest Release | ed Reco | ord #J-1 tional G | 5-0085 | 5 (MD) Sureau | | |

AIHA #MOIŲtical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Bivd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com



AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

| AMA Sample Number | Attention: | | | Address: | Client | W |
|-------------------------|----------------------------------|----------------|--------------------------------|--|-----------------------------|--|
| Client Sample Number | Non-Respons | | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lanc, Attn: NGB-AVN-SI, State Military Reservation | National Guard Bureau | TO SEEM WASSELESMAN ON THE STANDARD ON THE STANDARD WASSELESMAN SERVED STANDARD ON THE STANDARD SERVED STANDARD SERVED SE |
| Analysis Type | | | land 21078 | Attn: NGB-AVN-SI, tion | - | a could bond out out of the a second |
| Sample Type | Summary o | P.O. Number: | Job Number: | Job Location: | Job Name: | (|
| Air Volume (L) | f Atomic / | Not Provided | Not Provided | IFR After Renovation | Annapolis MD | 3 |
| Area Wiped (ft²) | Summary of Atomic Absorption Ana | | | ovation | Ŋ | |
| Reporting Limit | nalysis for Lead | Date Analyzed: | Person Submitting: | Date Submitted: | Chain Of Custody: | |
| Final Result | | 4/3/2006 | Non-Res | 3/31/2006 | 148404 | |
| Comments | | Report Date: | | | | |
| | Page I of 2 | 03-Apr-06 | | 1111.45 | 1004700 | Z Z Z |
| F(| OIA Requeste Released | by N | Vatio | nal Gu Page | -008 (ard Bu 63 of 5 | reau 5269 |

| 0637878 | 0637877 | 0637876 | 0637875 | 0637874 | 0637873 | 0637872 | 0637871 | 0637870 | 0637869 | 0637868 | 0637867 | 0637866 | 0637865 | 0637864 | 0637863 | 0637862 | 0637861 | 0637860 | 000/607 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| ANN-20 | ANN-19 | ANN-18 | ANN-17 | ANN-16 | ANN-15 | ANN-14 | ANN-13 | ANN-12 | ANN-11 | ANN-10 | ANN-9 | ANN-8 | ANN-7 | ANNIS | ANN-5 | ANN-4 | ANN-3 | ANN-2 | 514.1 |
| Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | rianic |
| Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | *100 |
| *** | *** | *** | ** | *** | *** | *** | *** | 중 본 본 수 | ** | *** | *** | *** | *** | *** | *** | *** | *** | 살 돌 동 종 | |
| 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | |
| 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 10.00 |
| ng/ft² | ug/ft² | ug∕ft² | ug/ft² | ug/ft² | ug/ft² | n An |
| ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ۸ | ۸ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | , |
| 110 | 110 | 110 | 110 | 011 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| c | ug∕ft³ | ug/ft² | ug∕ft² | ug∕ft² | ug/ft³ | ď, |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written anthon after the condition of apparently identified the condition of apparently identified to the condition of a prior written and the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified to the condition of apparently identified NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

Client:

Address:

CERTIFICATE OF ANALYSIS

Requested Record #J-15-008 (MD) Released by National Guard Bureau Page 64 of 5269

301-IH Old Bay Lane, Attn: NGB-AVN-SL State Military Reservation National Guard Bureau Job Location: Job Name: IFR After Renovation Annapolis MD Chain Of Custody: Date Submitted: 3/31/2006 148404

Havre de Grace, Maryland 21078

P.O. Number: Job Number:

Not Provided Not Provided

Date Analyzed: Person Submitting:

4/3/2006

Report Date:

03-Apr-06

Attention:

AMA Sample

Client Sample

Analysis Type

Summary of Atomic Absorption Analysis for Lead

Sample Type Air Volume Area Wiped Reporting Final Result Comments Page 2 of 2

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = 0637879 Number 0637880 ANN-22 Number Flame Wipe Blank Wipe Blank *** X X See QC Summary for analytical results of quality control samples associated with these samples. 12.00 12.00 Limit g g ٨ ٨ 12 12 S.

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted.

Air and Wipe results are not corrected for any blank results

should not be considered when interpreting the result.

Analyst pons

Technical Manager **BEST AVAILABLE COPY**

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratorias, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization. from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and NVLAP, NIST, or any agency of the Federal Government. ed to NGB FOIA Reading Room

All rights reserved. AIVIA Analytical Services, Inc.

| adii | | | | | | | | |
|-------------------|-------------|-------------|--------|-------------------|--------|--------------|---|--------------------|
| ng | | | _ | Indoor Range Info | nge In | fo | | |
| Room Wipe Sample# | Armory | City | Active | Inactive | NVA | N/A Cleaned? | Focation of Samples | Conc. (µg/ft²) |
| | | | No | | | UNK | | |
| CAW01 | Catonsville | Catonsville | | | | | Vault area (119) munitions area on floor | 345 |
| CAW02 | Catonsville | Catonsville | | | | | Kitchen floor near stove Room 106 | BDL |
| CAW03 | Catonsville | Catonsville | | | | | Basement (Room B-2) (SFC Joseph) on window sill | BDL |
| @A.W04 | Catonsville | Catonsville | | | Г | | Basement (Room B-3) corner of floor | BDL |
| G A W05 | Catonsville | Catonsville | | | Г | | Floor of old bullet trap of former IFR | 9191 🕾 |
| &A W06 | Catonsville | Catonsville | | | | | Ploor near front of old IFR (near supply fan) | 240 🗧 |
| € A₩07 | Catonsville | Catonsville | | | | | Floor one foot from former IFR's door to area | [≟ 6S |
| @A.W08 | Catonsville | Catonsville | | | | | Window sill in Room 122 | 41 BL |
| 6AW09 | Catonsville | Catonsville | | | | | Vauit area Room 120 arms area | 146 C |
| €AW10 | | | | | | | Wall near door to other offices in Room 112 (Recruiters | BDT 1GB |
| | Catonsville | Catonsville | | | | | Office) | |
| | | | | | | | | |



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 7, 2003

Laboratory Code:

RE\$

Subcontract Number:

NA

Laboratory Report: Project Description: RES 96062-1 None Given

None Given

Victoria Belfit Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207

Dear Customer.

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 96062-1 Is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



President

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIHA Certificate of Accredidation #480 LAB ID 101533

TABLE LEAD BY WIPE SAMPLING ANALYSIS:

RES Job Number: RES 96062-L

Client: Army National Guard IB - West

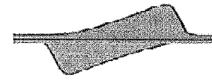
Client Project Number / P.O.: None Given Client Project Description: None Given Date Samples Received; August 7, 2003

Analysis Type: USEPA SW846 3050B / AA(7420)

Turnaround: 3-5 Day Date Samples Analyzed: August 4, 2003

| Clicut | Lab | Sample | LEAD | Defection | LEAD | | | | |
|-------------|-----------|------------------|--------|----------------------|---------------------------|--|--|--|--|
| ID Number | ID Number | Arca (sq.ft.) | (pg) | Limit (pg/sq.ft.) | CONCENTRATION (pg/sq.ft.) | | | | |
| CA Blank 01 | EM 800617 | 0.11 | BDL | 23 | BDL | | | | |
| CA W01 | EM 800618 | 11.0 | 38.0 | 23 | 345 | | | | |
| CA W02 | EM 800619 | 0.11 | BDL | 23 | BDL. | | | | |
| CA W03 | EM 800620 | 0.11 | BDI, | 23 | RDI, | | | | |
| CA W04 | EM 800621 | 0.11 | BDL | 23 | BDL | | | | |
| CA W05 | EM 800622 | 0.11 | 1011.0 | 23 | 9191 | | | | |
| CA Blank 02 | EM 800623 | 0.11 | BDL | 23 | BDL | | | | |
| CA W06 | EM 800624 | 0.11 | 26.4 | 23 | 240 | | | | |
| CA W07 | EM 800625 | 0.11 | 6.5 | 2,3 | 59 | | | | |
| CA W08 | EM 800626 | 0.11 | 4.5 | 23 | 41 | | | | |
| CA 3V09 | EM 800627 | 0.11 | 16.1 | 23 | 146 | | | | |
| CA W10 | EM 800629 | 0.11 | BDL | 23 | BDL | | | | |
| CA Blank 03 | EM 800630 | 0.11 | BDE | 23 | BDL | | | | |

^{*}Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207 Invoice Date: August 7, 2003 Invoice Number: 96062-1

TERMS: Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| Quantity | | Analytical P | rocedure | | Unit Price | Amount | |
|----------------|---|---|----------|---------|------------|---------|--|
| Quantity 13 | RES Job #: Desc: Submitted By: P/O No: Contact: AA/ICP Metal | 96062-1 None Given Army National G None Given Non-Responsive Wipe | | 4125-02 | \$7.50 | \$97.50 | |
| | | | | | | | |

410-436-5471

RESERVOIRS ENVIRONMENTAL, INC.

| | 2059 Brya | nt St., Dpnyor CO 80211 | ės r | RE | S 96062 |
|--|--|--|--|--|--------------------|
| ue Date: | | | RE | Est Job #. | <i>;</i> ; |
| ie Time; | | | | Page et | 1 1 2011- |
| MPLES SUBMITTED BY: | | INVOICE TO: (IF | DIFFERENT) | | |
| mpany USACHROM | | MANG | 8 | | |
| July A Charles | | | | | |
| | A | FAC | Pager. | | |
| nlyd; | Prone: | faz | Pager; | The second secon | |
| nbut: San Hunder and or P.Q. In | 3 14415. | | Non- | Respor | eive |
| ded Decelesor and F.G. *: | | | NUIT | Izespoi | |
| | | # contractor | and here | | |
| ter Hours Weekend CHARGE: | | | | | |
| iditional leas apply for after hour hondes urranged and specified specied. | on the curst of careoxy, (4) | s typos. Samples will be no paround is subject to laboral | And the second | oratory hours unlass novilod if dolays are | D. Dimed & . W. T. |
| SHESTOS LABORATORY HOU | R2: Mensonans | AIR T | CM 7400A, 7400B, O515 | la . | ». |
| am • 7pm | | 1 | TEM AHERA, LOVIN H, 74 | 02, EO, | 1 % |
| CMIPLM THOURRUSH | Ze farar 3-5 markaryr | | Process uso being | earners Carren | 1 |
| TEM 4 HOW RUSH | 24 hour 3.5 yeard at 15 How RUSH | | Short Your Hosphands | | 1 0 |
| | | | PLM Shortefort Localesco TEU of Chear Sector | PUI LIMU PONIN | |
| HETALS LABORATORY HOURS | 3: AMBROSTA: | | MICHLEAD Nobl. | RCRAN | |
| lam • Spm | _ 24 Hew 15 Day | | Palni Sci. Duti (169). | , tcls | . |
| M SPECIAL RUSH . | *** V = \$18.00 | | MENOS SOLL B MIST | /కైనుక రుడ్కు) - | Ì |
| icra 8 special rush _ | 10 Day | WATER | TEM Odealing, Waste Water AA Water Note | RCAA B | |
| TOLP SPECIAL RUSH THE NAME REQUIRED BY SPECIAL RUSH RORA 2-11 TOLP SPECIAL RUSH | _ 4 day 10 day 18maa, Hera & Teld 12's day turnyoyd | OTHER | Driatico, Waste Water Specify | | |
| Appeist the buckers | | | | | |
| antitation and an arrangement | | | Volume | EMR | |
| Client Sample Number | | | | <u> </u> | 37 |
| . CA BLANKO | | | | | 16 |
| CA WOL | | | | · · · · · · · · · · · · · · · · · · · | 10) |
| CA 4202 | | | | ····· | 20 |
| · <u>CA WO3</u> | | | | | 21_ |
| 6 CAWOY_ | | | ····· | | 7.2 |
| 5. CA WOO | | · · · · · · · · · · · · · · · · · · · | | | 73 |
| . CABLANKO | 7 | | | | 21 |
| . CA WOL | 2.00 | | The second section is a second section in the second section in the second section is a section section in the second section in the section is a section section in the section in the section is a section section in the section in the section is a section section in the section section in the section is a section section section in the section section is a section section in the section section in the section s | | 7.5 |
| . CA WOT | | - American | | | dal. |
| 16. CA WOB | | | | | |
| 11. CAWOR | | | 44.000 | | |
| 12 CA WIO | | | | | |
| CABLANK | 73 | | | | 29 30 |
| | A Reference to the state of the | | | | 30. |
| 14. | | | | | |
| 15. | nt.a. | coes as stonic knocken your e | ed.) | | |
| Mouse; a tra hactory yet enterprises an | | | لك أ€ £ 00 مستمالات السيم بينيسيد د | ist makes becating tests | des desires |
| NOTE: I the package has sustained an upon information received with those sa | | | | angkat daga, Turka (Curis C A | sares at a |
| eased upon fines of receiving | rall shooms in hintered to | emoles ournanteed in short himner | 13 12 | 1. 8 2 | 0 N3 |
| Relinquished By: | 1-Respons | sive | _ Date/Time: CO | 900 | <u>~~</u> ~ |
| Laboratory Use Only | | | 6 | 1 | • |
| Received By: | | The second secon | V/vve, | | |
| Carrier. | Condition of pastinger | arslady coal upon there'st | | latitada | |
| RESULTS: Contact | to Politica a | fax Email | Dale Timo | Initials | |
| | s set | | Lab BancWCor | Int Sheets Recoived | By? |
| SILITS: Authorization | n By/Time: | | Time: | Date: | |
| | elhod/Turneround: Ronulis Out: | A STATE OF THE PARTY OF THE PAR | | | |
| nov sizin Results Due | i Maynus Catt | | | , | |

Phone: (103) 904-5184 Francidd) 477-4275 Wale: 1-864-kestery (777-4216) Pageri Ondall Paget Buridy Pyaliadio allad. Albitrio Pagetti Plantem 2020/167 Pamainia's 501-3598 (After Hours Use Other)

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

16 February 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Catonsville Readiness Center Indoor Firing Range

- 1. An email dated 15 February 2007 from the CFMO stated that the Catonsville Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist

Non-Responsive

From: Non-Responsive NOB

Sent: Friday, February 16, 2007 9:17 AM

To: Non-Responsive

Subject: FW: Catonsville Readiness Center, 130 Mellor Avenue, Catonsville, Maryland 21228-5142

Robin,

Could you please put on the server?

Thanks

Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell 443-807-9605 FAX 410-942-0254

NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From: LTC (RET) MDARNG Sent: Thursday, February 15, 2007 4:33 PM

To:Non-Responsive CIV NGB; Non-Responsive IV NGB

PT (RET) MDARNGNOn-Responsive LTC MDARNG;

TC (Ret) MDARNG;

Subject: Catonsville Readiness Center, 130 Mellor Avenue, Catonsville, Maryland 21228-5142

Shirley,

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services 6811 York Road Baltimore, MD 21212

410-377-0500

Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

Non-Responsive



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Address: Client: 301-IH Old Bay Lane, Attn: NGB-AVN-SL Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau Job Location: P.O. Number: Job Name: Job Number: Not Provided Not Provided Catonsville Armory Catonsville Clear 2 Chain Of Custody: Date Analyzed: Person Submitting: Date Submitted: 12/19/2006 12/19/2006 150780 Report Date: 04-Jan-07

| S |
|------------------|
| È |
| |
| mm |
| Ħ |
| × |
| Ξ |
| J. |
| ~ |
| 0 |
| S. |
| . 7 |
| |
| omic |
| ∺ |
| \Rightarrow |
| Ξ. |
| |
| > |
| 5 |
| 3 |
| õ |
| Absor |
| ᇰ |
| ⇌ |
| ≖. |
| ≍ |
| ion |
| , > |
| |
| Ξ |
| 82 |
| दर |
| võ |
| ₩. |
| 92 |
| ⇉ |
| 2 |
| 7 |
| nalysis for Lead |
| ò |
| è |
| ā |
| _ |
| |
| |

Attention:

| 0720040 | AMA Sample Number |
|--------------------------|--|
| 20061215CAT2 01 | AMA Sample Client Sample Analysis ' Number Number |
| Flame | Analysis Type |
| Wipe | Sample Type |
| . **** 0.111 | Air Volume (L) |
| 0.111 | Arca Wiped (ff³) |
| 108.01 ug/ft² | rrea Wiped Reporting (ft ²) Limit |
| 410 ug/ft² | Final Result |
| 108.01 ug/ft² 410 ug/ft² | Comments |
| OPY | FO |

| | | | | | | | | | В | ES | Γ Α \ | /AII | _AB | LE | CO | PY |
|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|-----------------|
| | 9720055 | ,0720054 | .0720053 | 0720052 | . 0720051 | 0720050 | 0720049 | 0720048 | 0720047 | 0720046 | -0720045 | 0720044 | 0720043 | 0720042 | .0720041 | 0720040 |
| NGB FOIA | 20061215CAT2 16 | 20061215CAT2 15 | 20061215CAT2 14 | 20061215CAT2 13 | 20061215CAT2 12 | 20061215CAT2 11 | 20061215CAT2 10 | 20061215CAT2 09 | 20061215CAT2 08 | 20061215CAT2 07 | 20061215CAT2 06 | 20061215CAT2 05 | 20061215CAT2 04 | 20061215CAT2 03 | 20061215CAT2 02 | 20061215CAT2 01 |
| | Flame | Flame | Flame | Flame | Flame | Flame . | Flame | Flame |
| | Wipe Blank | Wipe Blank | Wipe | ₩ipe | Wipe | Wipe | Wipe | Wipe |
| | * * * | *** | *** | **** | **** | *** | *** | *** | *** | *** | *** | ** | *** | ** | * | **** |
| | N/A | N/A | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| | 12.00 | 12.00 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 |
| | Ü | Ř | ug/ft³ | ug/ft² | ug∕ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug∕ff³ | ug∕ft³ | ug/ft² | սք∕քե² | ug/ft² | ug/ft² |
| | ٨ | ۸ | | | | | ٨ | ٨ | ٨ | ٨ | | | | | | |
| | 12 | 12 | 1400 | 610 | 180 | 130 | 110 | 110 | 110 | 110 | 130 | 160 | 110 | . 200 | 130 | 410 |
| | | | | | ug/ft² | | ug∕ft² | ug/ft² | ug∕ft² | _ | ug/ft² | ug/ft² | ug/ft² | ug∕ft² | ug∕ft² | ug/ft² |

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

All rights reserved. AIMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20766 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory NVLAP, NIST, or any agency of the Federal Government

Page I of 2

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 72 of 5269



A Specialized Environmental Laboratory

Address Client:

State Military Reservation

National Guard Bureau

Attention:

CERTIFICATE OF ANALYSIS

301-IH Old Bay Lane, Attn: NGB-AVN-SI Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Number: Job Name: Not Provided Catonsville Armory Not Provided Catonsville Clear 2 Date Analyzed: Person Submitting: Date Submitted: Chain Of Custody: 150780 12/19/2006 12/19/2006 Report Date: 04-Jan-07 FOIA Requested Record #J-15-0085 (MD)

Released by National Guard Bureau Page 73 of 5269

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Limit Final Result Comments Page 2 of 2

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B QAnalysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

associated with these samples

See QC Summary for analytical results of quality control samples

BEST AVAILABLE COPY

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

N/A = Not Applicable

my/Kg = parts per million (ppm) by weight mg/Kg = parts per million (ppm) by weight mg/Kg = parts per million (ppm) by weight mg/Kg = parts per million unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown a should not be considered when interpreting the result. Analys Technical Manager:

BAir and Wipe results are not corrected for any blank results

Entire report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently, identical or similar products. As a mutual protection to clients, the public and these Laborage from us. Sample types, locations and collection protocols are based upon the information provided by the persons abmitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge find liability for the sources of the information of the persons abmitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge find liability for the sources of the information in the second of the persons of the second contribution of these Laboratories, we expressly disclaim any knowledge find liability for the sources of the second contribution of these Laboratories, we expressly disclaim any knowledge find

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation NVLAP, NIST, or any agency of the Federal Government.

All rights reserved. AMA Analytical Services, Inc.



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 14168

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

12/19/2006

Result

Percent Recovery Comment

Preparation Blank Report Limit Verification Sample -0.090

Acceptable

0.1778

ppm

53,1%

Outside Limits

Expected Spike Level (ppm)

#Numf

mg/Kg

RPD

Duplicate Sample 2

Duplicate Sample I

#Num! mg/Kg

#IError

#IEtror

Matrix Spike Analysis

Spiked Sample Spike Duplicate

85.82%

Acceptable Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

93 (99% 94.61%

1.62%

Acceptable

Acceptable

Calibration Information

Correlation of Calibration Curve:

0.999229

All calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 53.1%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDC 14166 (85.8% recovery).

Samples included in this Santple Delivery Group (SDG)

| Chain Of Custon | ly - AMA Sample Number | Client Sample Number |
|-----------------|------------------------|----------------------|
| 150780 | 20040 | 20061215CAT2 01 |
| 150780 | 20041 | 20061215CAT2 02 |
| SDG Number: | 14168 | |

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150780 | 20042 | 20061215CAF2 03 |
| 150780 | 20043 | 20061215CAT2 04 |
| 150780 | 20044 | 20061215CAT2 05 |
| 150780 | 20045 | 20061215CAT2 06 |
| 150780 | 20046 | 20061215CAT2 07 |
| E50780 | 20047 | 20061215CAT2 08 |
| 150780 | 20048 | 20061215CAT2 09 |
| 150780 | 20049 | 20061215CAT2 10 |
| 150780 | 20050 | 20061215CAT2 11 |
| 150780 | 20051 | 20061215CAT2 12 |
| 150780 | 20052 | 20061215CAT2 13 |
| 150780 | 20053 | 20061215CAT2 14 |
| 150780 | 20054 | 20061215CATZ 15 |
| 150780 | 20055 | 20061215CAT2 16 |

SDG Number: 14168 Page 2 of 2

AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| <u> </u> | e: Initials: | Time: | | 1 | | \ | | Date: | 2 | | _ Via: | | | | | | | Ĭ | ported To | 3. Results Reported To: | ü | |
|----------|---|----------------------------|--|---------------|---------|----------|--|-----------|---|--|--|--------------------|---------------|-------------|----------|---------|-----------|--|--|---|--|------------|
| 1 1 | on-R | | | Gag. | | | | Non | | | į. Į | By (Print): | | (e) | | L | | d: | Analyze | Date/Time Analyzed: | 2 | |
| | S1 ge esponsi | | | | | | | Respons | By (Print) | | @ USUVia FECEY | ŢŢ | }∪ ∀ ; | [[] | lè | l iò | Sao. | : (CUS) | RCVD: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: // | ORATO | (AB |
| | | | | | | 1 | | ive | | | | | | office. | | | <u> </u> | , wall | 1 +>2012 | ū | 20061215CAT2 | 000 |
| | | | | | | | | | | | | | | 200000 | | | ٥, | , Floor | Closed | 23 | | |
| | | | | | | | | | A COL | | | | | | | | 5 | 2.5 | E | • | | |
| | | | | | | | | | | | | | | | | | È | \$1.12 | | õ | | |
| 1.7 | Date/Time: Contact: | | | | | | | | | | | | | | | | | Z, | | T2-8 | 20061215CAT2 09 | 8 |
| | | | | | | | | | 4 | | | | | | | | 3 | d-11 | | 8 | | |
| - | | | | | | 1000 | 5050 6050 6050 6050 6050 6050 | | | | 250 250 250 250 250 250 250 250 250 250 | | | | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 2 | | |
| | | | | | | | | | | | | L | | | | | * | 7. 1. | | 90 | | V |
| | Date/Time: Contact: | | | | | | | | | | | | | 4 | | | 1 | R, 1 | | AT205 | 20061215cat265 | 8 |
| | | _ | | | | Carlotto | | | | | | | | | | | - | 1521 | 2003 | ž | | |
| | WASHINGTON OF THE PROPERTY OF | | | | | | | | 5575 5576 1003 1003 1003 1003 1003 1003 1003 100 | | | | | | | | *- | 133 | 11701 | ß | | |
| | - | _ | | | | | | | | | | - | _ | .vz. | | | | | 1,001 | 22 | | |
| | Date/Time: Contact: | | | | | X | | | / | \sum_{i} | 1200 1200 1200 1200 1200 1200 1200 1200 | | £ | ÷ | | 12 15 | 2 | | 1000 | 20061215CAT201 | 12156 | 900 |
| H CI | CLIENT CONTACT (LABORATORY STAFF ONLY) | SW_{AB} | TAPE | SPORE TRAP | WATER X | DUST | BULK | AIR | MOLD S | PLM XXIS | PCM PLM PLM LEAD | TEM | PE / | E WIPE | (LITERS) | | NOTION | MPLE INFORM AMPLE LOCATIO IDENTIFICATION | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION D4 | | CLIENT ID NUMBER | |
| fy a | Tape(QTY) | Surface Tape_ | δ : D (| <u> </u> | noted. | herwise | All samples received in good condition unless otherwise noted. (TEM Water samples°C) | lition u | °C) | ed in go | All samples receive (TEM Water samples | wamples Water s | (TEM I | | | QTY) | (XIQ) | (S12) | P 198.1_) | Grav. Reduction ELAP 198.1 Other (specify. | Orav. Reduction Other (specify | 000 |
| (QTY) | copic A | d - Direct Mic Spore-Trap | 13.5 G - Pig | 1 | | | (QTY) | 2 | (QTY) | 00.2 | ☐ EPA 100.1 | 100.1 | ☐ EPA 100.1 | 1 | | Ĭ | (QTY) | (S.L.O.) | imate | J EPA 600 - Visual Estimate J EPA Point Count | EPA 600 - Visual EPA Point Count | |
| 1 | for a minace (wipe sylve) | 1 1 1 | (| : | | | | (SLLD) | 0 | 8 | /abs) | Qual. (pres/abs). | Qua | ļ | | (QTY) | Q | | | cify | ⊒ Other (specify. _Bulk | MINE WILL |
| - | Dust Wine Furnace (wine type | aste W | | | | 3 | (QTY) | | - 99 | D6480 | ☐ Quan. (s/area)Dust D6480-99 ſ Water | n. (s/are | TEM Water | NAT. | | 2 | ì | (SLZ) | | 102 | NIOSH 7402 | |
| | Drinking Water (QTY) | rinking | ğ, | | | (QTY) | | | 755-95 | aum DS | Quan. (s/area) Vacuum D5755-95 | n. (s/are | Qua | | | | 3 | in a 25mm 37mm (OTY) | in a 25n (OTV) | prosity | PC MCE Porosity. | _გ |
| | | ☐ Soil/Solid | . × □ □ | | | | ĵ, | | are e | comm/I | [Dust (pres/abs) Vacuum/Dust | l (presu | TEM Dust | H | | | | | Filter Type: | Indicate | LAir - Please | ΝĽ |
| • | ☐ Air(QTY) | IL WI | | | | | į. | 51 | (QTY) | 17. | Residual Ash | dual As | Residual Ash | | | | i | (OLY) | | 100 | NIOSH 7400 | |
| 5 | hip (QTY) | Paint Chip | ă Z | | | | | | - - | Z Eld | U ELAP 198.4/Chatfield | CP 198. | 2 E | | | | ₽ | nm 37mm | in a 25mm | PC MCE Porosity in a 25r | II - Please Indic | R A |
| | | alysis | Lead Analysis | F | | | | | i. | | | | TEM Bulk | TEN | | | | | 1 | ysis | Asbestos Analysis | best |
| | □ Email Copy:@ | mail C |] O B | | | | | @ fax #_ | ® | | | | ☐ Fax Copy: | □Fax | | | | @ cell #_ | | | als: | ☐ Verbals: |
| oust t | | 24hr A | # S# □ | ř-Hou | d Affe | |) + Vay | | | 48hr [| | N N | | Ď | 5. | R | P 1 | いには | Tired: | Date & Time Results Required: | Time R | me & |
| | Signature:econ | | Reporting Information (Results will be provided as soon as Technically Technical | W 10. | Charles | 70000 | 35 600 | ed b | Submitted b | 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 8 | | 0254 | Tours | 7 | Fax #:_ | | 0 C 1 'S | Kald date o | Disass include COC/field data sheets with results | Phone #: _ | |
| 3 | | 15 | | | | | | Per | Contact Per | • | | | | | | | | | | - 1 | Address 3: | Αd |
| | # | P.O. | | | | | | sive | Job#: | 3 | | | | | 8 | 21078 | 20 | 31715 | 2 | Haure | Address 2: | Αd |
| | | | Armory | Ŋ, | o. He | 6750 | Cators | ation: | Job Location: | <u>1</u> | | | | | | | 1221 | 364 | ास ठाँ | 301 11 | Address 1: | Αd |
| | | | 2 | 5160 | | 300 | 004 | ne: | Job Name: | 1. J | | | | | | Ī | こった | | 3 804:00 | e: NGB | Client Name: | 1. CI |
| | | | | | | | Submittal Information | Marky tay | | Cirhin | | | | | | | | | tion: | Mailing/Billing Information: | o/Billin | ailin |
| | | | | | | | | | | | | | | | | | | | | WWW.alliadad.com | ע אי אי שני | _ |

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| | | nitials: | Non | Time: | | | 1 | | Date: | | | Via: | | | | | | | ted To: | Results Reported To: | 3. Res | |
|--------------|--|---|---|--|---|---------------|---|---------|--|----------------------------------|--|---|---|--|--|---|--------|----------------------|--|---|--|---|
| | | | -Res | | | Sign | | | Non | | 1 0 | | By (Print): _ | L By | ® | | | / | alyzed: | Date/Time Analyzed: | 2. Dat | |
| Po | | | Sponsive | | | | | | | By (Print): | | 7 | Fod F | Yar. | aloso via FedEX | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | Ydor. | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: (2/_) | TORY STAFF ONLY: 1. Date/Time RCVD:_ |)RATORS | LABC |
| eted to | | N. T. C. | | | | | | | | | | | | | | | | | | | | |
| o NGB I | TO COPPER UP THE MANAGEMENT OF THE PERSON OF | | | | 145 145 145 | | | | | 585 365 788 | | | | | | | | | | | | |
| -du b | Ву: | Contact: | Date/Time: | 2.73° 2.43° 2.63° | | | 12.00 | | | | | | | | | | | | | | | |
| ے امامہ | | | | | | | | | | | | | | | | | | | | | | |
| Room | By: | Contact: | Date/Time: | | | | - 158 - 158 - 158 | | 45 37 37 37 | | 1000 1000 1000 1000 1000 1000 1000 | | | | | 177. 177. 177. 177. 177. 177. 177. 177. | | | | | | |
| - 1 | | | | 1.73 2.73 2.73 2.73 | | | 122 122 122 123 | | | | * | | | | NIX. | | < | 1995 1985 1985 | BLANIC | 1 | 2006 1215 CAT 216 | 2006 |
| 1 | by. | Collact | Date/ time; | | | | | | | | H | 1 | | | N S | | C1 21 | | BLANK | | 70061213CH1 2861 | 19007 |
| BEST | 1 | CLIENT CONTACT LABORATORY STAFF ONLY) | 1- | SWAB | TAPE | SPORE IRAP | MATER NATER | BULK | AIR | MOLD | 1 | PCM ANALYSIS | PCM & | TEM | WIPE | CTUERS) OLUMB | | NATIO | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION D. | | CLIENT ID NUMBER | -0 |
| AV BBBLE C | | malysis TY) | oscopic A | d - Direct Mica Spore-Trap Surface Swa Surface Tape | | | ☐ ELAP 198.2/EPA 100.2 (QTY) ☐ EPA 100.1 (QTY) ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | otherwi | . (QTY) |) ondition | good con | 4 100.2 ived in | ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 ☐ All samples received in ☐ CIEM Water samples | ☐ ELAP 198 ☐ EPA 100.1 ☐ All sample | | | QTX) | (OLX) (OLX) | (QTY) 98.1 (QTY) | sual Estimat untble bleon ELAP 19 | □ EPA 600 - Visual Estimate □ EPA 600 - Visual Estimate □ EPA Point Count □ Unit State Friable □ Unit State Friable □ Grav. Reduction ELAP 198.1 □ Other (specify □ Other) | PLM BUN C C C C C C C C C C C C C C C C C C C |
| OPY | | (QTY) (QTY) | er(V | Drinking Wat Waste Water Dust Wipe Fu | 0000 | | ರ | | | (CTY) | 1 1 7 6 | ☐ Quan. (s/area) Vacuum D5755-95 ☐ Quan. (s/area) Vacuum D5755-95 ☐ Quan. (s/area)Dust D6480-99 | Quan. (s/area) Va Quan. (s/area) Va Quan. (s/area)Du Quan. (s/area)Du [Water Qual. (pres/abs) | uan. (s/ | TEM Water | | .(QTY) | | in a 25mm 37mm _(QTY) (QTY) | ityin | PC MCE Porosity. AHERA NIOSH 7402 Other (specify | |
| FOLA D | .(QTY) | (QTY) (QTY) (QTY) FOIA Regulation (QTY) FOIA Rele | hip(id_(id | d Analysis D Paint Chip D Dust Wipe D Air D Soil/Solid | Lead Analysis Paint Cl W Dust W Air Cl Soil/Soi | - | | | (QTY) -(QTY) | (CLD) | 2 2 | arfield. | LBulk DELAP 198.4/Charfield NY State PLM/TEM_ Residual Ash | ABulk ELAP 198.4/ NY State PLA Residual Ash Dust Dust | TEM Bulk D EL/ D NY D Res TIEM Dust | | | B | ter Type:in a 25mm 37mm(QTY)(QTY) ter Type: | licate Filter | Asbestos Analysis PCM Air - Please Indicate Filter Type: PC MCE Porosityin a 25r O NIOSH 7400(QTY O Fiberglass(QTY TEM Air - Please Indicate Filter Type: | Spesto NO D N |
| 1 <u>6</u> _ | эге-schedu | Late-Night* (*must be p | E C | ible); * □24hr After- □ Email Copy: | O _ Ssm (48889) | ter-Ho | technically feasible); and After-Hours* []2 G En | on as | dassi Day | provided 2hr □5 L @ fax #_ | | ults wi | 7.4hr | mation | Reporting Information (Results will be provided as soon as | Reporti | E P | th resul | ☐Please include COC/field data sheets with results Date & Time Results Required:// ☐ Verbals: @ cell # | OC/field o | ☐ Please include COC/field dan Date & Time Results Required: ☐ Verbals: | □Please it Date & Tir □Verbals: |
| | 273 | # 410 942 0 | e j | P.O. #. Sign | | | | | Y: SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL | Contact Person: Submitted by: | Contac Submi | in to i | | 0254 | 942 0 | # 410 ° | ġ' | | 0273 | 942 | Address 2: H Address 3: H Phone #: H10 | 3. Add 4. Add 5. Phor |
| ا مما | | | | * | 15 | | Catensuille | 4205 | _ | Job Location: | T 4oL | , i <i>></i> | | | | | | L | 35 B10 | 14-1 | Address 1: | |
| (MD) | | | | 2 | Clear | CI | ين الأو | 5 | Submittal Information: 1. Job Name: Cal- | l Info | bmittal Info Job Name: | 1. <u>Sel</u> | | | | | Ī | North | Region | formation | Mailing/Billing Information: 1. Client Name: NG B | w Mailing 1. Clies |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

(Please Refer To This Number For Inquires)

| Initials: | 1¢: | Time: | | | | ie: | Date | | ا به | Via: | - Committee | | | | | | orted To: | 3. Results Reported To: | . <u>.</u> |
|-----------------------------|---|---|---------------|--|----------------|---|--|------------------------------|--------------------------------|--|---|----------------------|----------------|---------|--------|-----------------------------|-----------------------------------|--|---|
| | Sign: | | i | | | | ď. | _By (Print): | | | .Via: | V | | | | | RCVD: | 1. Date/Time RCVD:// 2. Date/Time A nalyzed: / | 1. I |
| | | | | | | | | | | | | | | | 5 | | | | |
| | | | 1 | | | | | | | | | | | | | | | | |
| Contact: By: | Date/Time: Co | | | | < | | | | - | | | Z A | Z | | < | | B1 4.18 | 1303 8 | 2006122169 |
| | | | | 1 (1) 1 (1) 1 (1) 1 (1) | | | - (취 기) | · 13 | | | | 1, h6, h | - £ | | 12 21 | Floor | Close 1 . | 2 | 20661221CA-36 |
| Contact: By: | Date/Time: Co | | | 20 A | 1 | | | | | | | NA | 7 | | < | | 200 | / 08 | 20061221WST3 |
| | | | _ | | · | | | ~ | | | | | | | - 3 | | Roll Door | 03 Koll | ** > |
| | | | _ | | | | | | | | | | | | - | 0 | Wall 71.0 | | :: : |
| Contact: By: | Date/Time: Co | | | | X | | | ľ | | | | 7.7 | ٤ | | 12 21 | | Wall Trap | | 2006/11.21.WST3.01 |
| STAFF ONLY) | S Tape(QIY) □ Other (Specify) CLIENT CONTACT (LABORATORY STAFF ONLY) | Surface Tape | SPORE TRAP | rwise noted. MATRIX MATRIX JANA BER JANA B | DUST, therwise | □ All samples received in good condition unless otherwise noted. (TEM Water samples | MOLD andition u | LEAD SOOD CON | eceived in gonples ANALYSIS | ☐ All samples receiv (TEM Water samples PE / H / NA ANA | sample Water: | (TEM WIPE AREA | | (FLEKS) | (QTY) | (QTY) (CINFORMATION EIGHTON | | on EL | ☐ NY State Friable ☐ Grav. Reduction ☐ Other (specify CLIENT ID NUMBER |
| (YTY) | Mold - Direct Microscopic Analysis Spore-Trap (QTY) D Bulk | ald - Direct Mica | × | | | (YTY) | 13 | . (QTY) | 100.2 | ☐ Qual. (pres/abs) ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 | ☐ Qual. (pres/abs). ☐ ELAP 198.2/EP: ☐ EPA 100.1 | 8 8 5 | | | LX S |] Q | | Bulk Beauty PLM Bulk D EPA 600 - Visual D EPA Point Count. |
| | ☐ Drinking Water(QTY) ☐ Drinking Water(QTY) ☐ Waste Water(QTY) ☐ Dust Wipe Furnace (wipe type | ☐ TCLP☐ ☐ Drinking Water☐ Waste Water☐ ☐ Dust Wipe Furn | | - | (QTY) | Q 2 | | 5755-9: 5-99 | ☐ Qual. (pres/abs) Vacuum/Dust | s/abs) v rea) Vac rea)Dusi | al (pre: an. (s/a an. (s/a f | TEM Water | H | | | | in a 25mm 37mm _(QTY) (QTY) | rosity | PC MCE Porosity AHERA NIOSH 7402 |
| (QTY) FOIA Register Relief | hip() | Lead Analysis Paint Chip Paint Wipe D Air Soil/Solid | ř. | | <u>}</u> | | ≈1 | (VII) | field | LBulk I ELAP 198.4/Chatfield NY State PLM/TEM_ Residual Ash | I Bulk I ELAP 198.4/ INY State PLI Residual Ash (Dust | TEM Bulk | | | | 37mm | ter Type:in a 25mm 37mm(QTY)(QTY) | ficate Fil | Asbestos Analysis ECMAir – Please Indic PC MCE Porosity D NIOSH 7400 D Fiberglass TEM Air – Please Indic |
| t* (*must be pre-sc | Hour | sible): s* □24br After- .□ Email Copy: | r-Hour | d. Afte | □Imm | Keporung Information (Kesuits will be provided as soon as fecunically feasible): ——————————————————————————————————— | in ovided | □72h @ |]48hr | Ahr | nd X) | ☐ Fax Copy: | ortung D Fa | 1 1 1 | e sape | ts with resi | ired:/_ @ cell # | ☐ Please include COC/field data sheets with results Date & Time Results Required: // ☐ Verbals: @ cell # | ☐ Please includ Date & Time Re ☐ Verbals: |
| 947 5273 | © phone # 410 'Signature: | | | ς , | | Non-Respons | t Perso | Contact Person Submitted by: | 5. 4. | | 7.5 | 025 | 942 | | Fax # | | 0273 | 10 OHZ | Address 3: Phone #: 4/0 |
| | * | P.O. # | | 1 | | u k | Gardon. | Job#. | | | | | | 3101 | 2 | | 6. | | Address 2:_ |
| | Clear | いたいなからないたっていれている。 | 12 | e u | | 20 | me: | Job Name:(| ٠ <u>.</u> | | | | | | 7. | とうこと | 7 F 5 | r o | Client Name: NG |
| | | | | | | Submittal Information: | arobal | mittal. | Sub | | | | | | | - |) iii | anati | ng/Billing Inform |

Number

ŧ



CERTIFICATE OF ANALYSIS

| | Comments | Final Result | Reporting | Area Wiped | Air Volume | Sample Type | Analysis Type | Client Sample | AMA Sample |
|------------------|--------------|--------------|--|------------|---------------------|---------------|--|--|------------|
| Page 1 of 2 | | | Summary of Atomic Absorption Analysis for Lead | Absorption | of Atomic | Summary | | Non-Re | Allenhon: |
| 19-Dec-06 | Report Date: | 12/19/2006 | Date Analyzed: | Ċ. | Not Provided | P.O. Number: | | sponé! | ; • |
| | | Non-Re | Person Submitting: | ŭ. | Not Provided | Job Number: | yland 21078 | Havre de Grace, Maryland 21078 | |
| | | 9002/61/21 | Date Submitted: | Armory | Catonsville Armory | Jub Location: | 301-III Old Bay Lanc, Attn: NGB-AVN-SI. State Military Reservation | 301-III Old Bay Lane, Am State Military Reservation | Address: |
| 100476 100476 | | 150780 | Chain Of Custody: | Clear 2 | Catonsville Clear 2 | Job Name: | au au | National Guard Bureau | Client: |
| | | | | | | | | | |

| This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identifus report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unli | 0720055 | 0720054 | 9720053 | 0720052 | 0720051 | 0720050 | 0720049 | 0720048 | 0720047 | 0720046 | 0720045 | 0720044 | 0720043 | 0720042 | 0720041 | 0720040 |
|---|-----------------|-----------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|--------------------|-----------------|-----------------|-----------------|
| This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identi- | 20061215CAT2 16 | 20061215CAT2 15 | 20061215CAT2 14 | 20061215CAT2 13 | 20061215CAT2 12 | 20061215CAT2 11 | 20061215CAT2 10 | 20061215CAT2 09 | 20061215CAT2 08 | 20061215CAT2 07 | 20061215CAT2 06 | 20061215CAT2 05 | 20061215CAT2 04 | 20061215CAT2 03 | 20061215CAT2 02 | 20061215CAT2 01 |
| | Flame | Flame | Flame | Flame | Flame | Flante | Plame | Flante | Flame | Hame | Flame | Flame | Flame | Flame | Flame | Flame |
| | Wipe Blank | Wipe Blank | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe |
| | *** | *** | ************************************** | * * | *** | ,,, | : | *** | *** | : | ** | * * * | * * * * | * * * | * * * * | *** |
| | N/A | N/A | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0.444 | 0,444 |
| | 12.00 | 12.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 |
| | Ģ | æ | ug/ft² | ug/ft² | ug/ft² | ng/ft³ | ug/ft³ | ug/ft² | บ2/มีร | ug/ft² | ug/fi² | ug/ff² | HE/FE | ug/fi÷ | աք/Ու | -11/3n |
| | ٨ | ٨ | | | | | ٨ | ٨ | ٨ | ٨ | | | | | | |
| | 12 | ដ | 340 | 051 | 46 | ដ | 27 | 27 | 27 | 27 | 32 | 4 | 52 22 | 7 | 33 | 90 |
| OIA R | H. | r in | ug/ft³ | ug/ft² | ug/ft² | ug/fi² | ug/ft² | ug/ft² | ug/ft² | ug/fi² | ug/tir | ug/ff ² | ug/ਵਿ ² | ug/ft² | ਹੁ⁄ੀ? | ug/ft |

4475 Forbes Blvd. · Lanham. MD 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2643 An AlHA (#8863), NVIAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 79 of 5269



CERTIFICATE OF ANALYSIS

| | | | | | | on-Respon | Attentions |
|------------|-----------------------------------|------------|--------------------|---------------------|---------------|--|------------|
| 04-Jan-07 | 12/19/2006 Report Date: 04-Jan-07 | 12/19/2006 | Date Analyzed: | Not Provided | P.O. Number: | is . | |
| | | ion-Res | Person Submitting: | Not Provided | Job Number: | Havre de Grace, Maryland 21078 | |
| | | 12/19/2006 | Date Submitted: | Catonsville Armory | Job Location: | 301-H Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation | Address: |
| <u>4</u> 5 | | 150780 | Chain Of Custody: | Catonsville Clear 2 | Job Name: | National Guard Bureau | Client: |

| Summary |
|------------------|
| of. |
| |
| = |
| Atomi |
| ₫. |
| 43 |
| |
| Š |
| bsorption |
| 껉 |
| ₽. |
| Ħ |
| \triangleright |
| na |
| Ę. |
| S |
| 3 |
| for |
| |
| Ļ |
| ä |
| |
| |
| |
| |

| AMA Sample Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments 0720040 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 0720040 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 0720042 20061215CAT2 03 Flame Wipe **** 0.111 108.01 ug/ft² | | | | 12.06 | N/A N/A | 명 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 | Wipe Blank Wipe Blank | Flame | 20061215CAT2 15 20061215CAT2 16 | 0720054 0720055 | |
|---|----------|--------------|--------------------|------------|---------------------|---|--------------------------|---------------|------------------------------------|----------------------|--|
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result | | 1400 110/P3 | ug/ft² | 108.01 | 0.11.0 | * * * * * * | Wipe | Flame | 20061215CAT2 13 20061215CAT2 14 | 0720052 0729053 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result | | 610 | ue/fi | 10.801 | 0.111 | * # # # # # # # # # # # # # # # # # # # | Wipe | Flame | 20061215CAT2 12 | 0720051 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result | | -t30 | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20061215CAT211 | 0720050 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result | | 1 | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20061215CAT2 10 | 0720049 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 206 ug/ft² 206 ug/ft² 206 ug/ft² 206 ug/ft² 206 ug/ft² 110 ug/ft² <td></td> <td></td> <td>ug/ft²</td> <td>10.801</td> <td>0.111</td> <td>***</td> <td>Wipe</td> <td>Flame</td> <td>20061215CAT2 09</td> <td>0720048</td> <td></td> | | | ug/ft ² | 10.801 | 0.111 | *** | Wipe | Flame | 20061215CAT2 09 | 0720048 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 200 ug/ft² 200 ug/ft² 200 ug/ft² 150 ug/ft² 150 ug/ft² 150 ug/ft² 160 ug/ft² <td></td> <td></td> <td>ug/ft²</td> <td>108.01</td> <td>0.111</td> <td>* * *</td> <td>Wipe</td> <td>Flame</td> <td>20061215CAT2 08</td> <td>0720047</td> <td></td> | | | ug/ft² | 108.01 | 0.111 | * * * | Wipe | Flame | 20061215CAT2 08 | 0720047 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 2006 ug/ft² 2006 ug/ft² 2006 ug/ft² 2006 ug/ft² 110 ug/ft² 108.01 ug/ft² 110 108.01 ug/ft² | | | ug/ll² | 108.01 | 0.111 | **** | Wipe | Flame | 20061215CAT2 07 | 0720046 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² | | 1 | ug/it 2 | 108.01 | 0.111 | **** | Wipe | Flame | 20061215CAT2 06 | 0720045 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² 420 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 200 ug/ft² 20061215CAT2 04 Flame Wipe ***** 0.111 108.01 ug/ft² 110 ug/ft² | | 1 | ug/ft² | 108.01 | 111.0 | *** | Wipe | Flame | 20061215CAT2 05 | 0720044 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Number 1.1. (L) (fr) Limit 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 130 ug/ft² 20061215CAT2 03 Flame Wipe ***** 0.111 108.01 ug/ft² 200 ug/ft² | | } | ng/ft? | 108.01 | 0,111 | *** | Wipe | Flame | 20061215CAT2 04 | 0720043 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Number (L) (fr) Limit 20061215CAT2 01 Flame Wipe ***** 0.111 108.01 ug/ft² 410 ug/ft² 20061215CAT2 02 Flame Wipe ***** 0.111 108.01 ug/ft² —130 <td></td> <td>1</td> <td>r5/152</td> <td>108.01</td> <td>0.111</td> <td>**</td> <td>Wipe</td> <td>Flame</td> <td>20061215CAT2 03</td> <td>0720042</td> <td></td> | | 1 | r5/152 | 108.01 | 0.111 | ** | Wipe | Flame | 20061215CAT2 03 | 0720042 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Number (L) (ff) Limit 20061215CAT2 01 Flame Wipe **** 0.111 108.01 ug/ff² 410 ug/ff² | | | ug/ft² | 108.01 | 11170 | **** | Wipe | Flame | 20061215CAT2 02 | 0720041 | |
| Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Number (L) (ft²) Limit | | | ug/ft² | 108.01 | 0.11.0 | * * | Wipe | Flame | 20061215CAT2 01 | 0720040 | |
| | Comments | Final Result | rting | Repo Li | Area Wiped (ft²) | Air Volume (L) | Sample Type | Analysis Type | Client Sample Number | AMA Sample Number | |

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AlHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

Page I of 2

FOIA Requested Record #J-15-0085 (MP) Released by National Guard Bureau Page 80 of 5269

9MA Analytical Services, Inc.AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. - Lanbam, MD 20706
22011 450-2640 - (2001) 346-0961 - Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| 3. Results Rep 4. Comments: | 2. Date/Iii | LABORATORY ST. | | | | | | | | 2006 1215 CAT 216 | | 20061215CATZ-14 | CLIENT ID NUMBER | Other (specify | J Grav. Reduction ELAP 198.1 | LEPA Point Count | PLM Bulk O FPA 600 - Visual Estimate | Other (specify | | TEM Air - Please Indicate Filter Type: PC MCE Porosityin a 25n | ☐ Fiberglass | PC MCE Porosity | | D Verbals: | Date & Time Results Required: | Discontinuing COM | Address 3: | | 2. Address 1: 301 | 1. Client Name: NGB | www.amalab.com Mailing/Billing Information: |
|-----------------------------|------------------------|----------------------------------|---------------|-------|--|------------|--|--|------------|--|---|-----------------|--|----------------|---|------------------|---------------------------------------|----------------------------------|-----------------------------|--|--------------|-----------------|-----------------------|--|---|------------------------|--------------|----------------|--|---------------------|---|
| 3. Results Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) | | | | | | | | BLANK | | Closet 1, Floor | SAMPLE LOCATION DA |) | (017) | (QTY) | stimate (OTY) |) (Q 1 1) | (QTY) | Filter Type: in a 25mm 37mm | (QTY) | in a 25mm 37mm | Filter Type: | @ cell # | quired:// | ore cheers with resu | מעט היום | TO BE GRACE MY | H OW BEY | والما | |
| | | 19 / DG | • | | | | | | | < | - | 12/15 | DATE (LITERS) | | (QTY) | , | ₹ | (ALA) | | | | | | | © | ; | Fax# LE | 21018 | I | Ξ | |
| | 6 | | | | | | | | | N.X | 3 | T X F | ٠. | [| (TEM V | ☐ EPA 100.1 | | TEM Water | ☐ Quan | | TEM Dust | C NY State PLA | ELAF | - Fax Copy: | - Immd | | 40 942 0254 | | | | |
| Via: | By (Print): | JOSO VIN FEDEX | | | | | - | | | | | | PCM PLM | ANALY | All samples received in good condition unless otherwise noted. (TEM Water samples°C) | 100.1 | LELAP 198.2/EPA 100.2 | Water Ouel (pres/abs) | Quan. (s/area)Dust D6480-99 | Open. (s/area) Vacuum/Dust. | , mari | tute PLM/TEM_ | DELAP 198.4/Charfield | | □ Immd. 1824hr □48hr □72hr □5 Day + □ Immd. | tion (Results v | | J. 5. | | | · S |
| | | K By (Print) | | | | | | | | _ | | X | MOLL | | in good condition | (Q15) | | (OTY) | 480-99 | m/Dust n D5755-95 | | (ALO) | | © tax # | br □72br □5 | ráll be peovide | - | Contact Person | | | Submittal Information: |
| Date: | on-R | lesponsi | Ve . | | | | | | | | | X | AIR BULK | - 1 | a unless otherwi | | (QTY) | | (QTY) | (QTY) | | .(Q17) | QTY | 3 |)Day+□Imu | d as soon as t | y: n-Res | ionsive | CA460 >0. | - I. | mation: |
| //_ | ign: | | | | | | | | | | | | DUST WATER AND OTHER SPORE TRAI | MATRIX | se noted. | | Z | | | • | | | 5 | 1 | nd, After-Hours* | octorically (easible): | | | Ĩ | 1 | |
| Time: | | | | | | | | | | | - | | SWAL | | Surface Tape. | L Surface Swab | old - Direct M | L Dust Wip | 13 Waste Water | (i) Drinking Water | Soil/Solid | Air Air | Li Paint Chip | _ d Eman copy: | | | Sigr | F.O. # | * C. C. C. C. C. C. C. C. C. C. C. C. C. | A | |
| No | n-Re | Sign: | Ve | | L'ALLES | Tela/Time- | | | Date/Time: | | | Date/Time: | (LA) | | | | deceb | (2) Dust Wipe Furnace (Wipe type | | | | Air (OTY) | Cuinn was | | Hour | Non-F | | 9 | | | |
| fnitials: | | | | | The state of the s | Contact: | Wester 10 - 17 - 17 - 17 - 17 - 17 - 17 - 17 - | The second secon | Contact: | HART THE THE TAX THE T | | Contact: | (LABORATORY STAFF ONLY) | CLIENT CONTACT | (QTV) (2) Other (Specify | 5 | t Bally | ype) | | (QTY) | (QTY) | | (OTY) | The second section of the section of the sect | Late-Night* (*must be pr | | | # 410 942 02 | | | 35 (MD Burea |
| | | | | | | Rv. | | | By: | | | By: | 1 | | Ī | | | 2 | à | | | | OTY. | | e-scheduk | | | 73 | | | |
| | | Posto May, | ed to 2018 | NGB F | 1014 | Rea | adihg | Roc | m [| | | <u>.</u> | BES | ΙA | vĄ | Ĉ AB | LE (| OP | Y | | | FC | IA R | equi elea | est e d ised | l Re | cor Vatio | #J onal | -15 Gu | -008 ard | 35 (MD Burea of 526 |

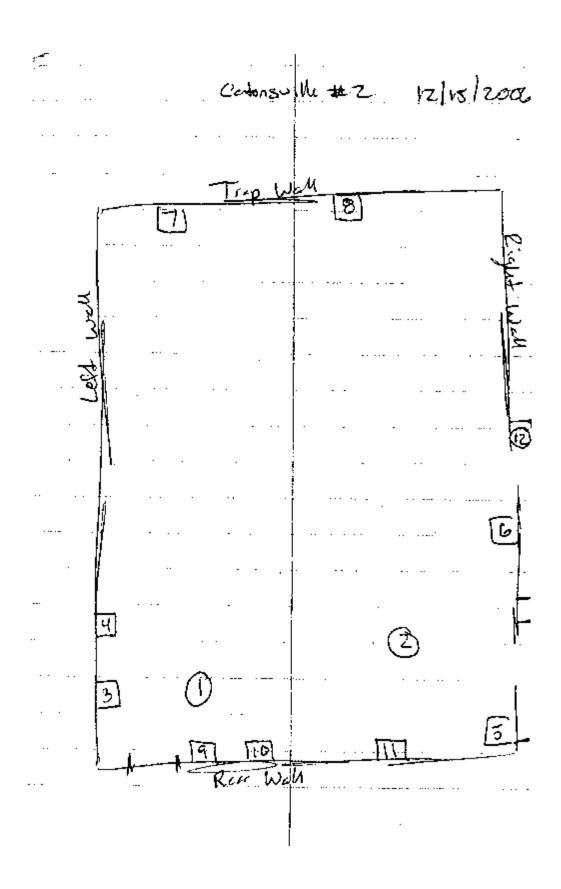
| (301) 459-2640 • (800) 346 | 4475 Forbes Blvd. • Lanham, MD 20706 | AIHA (#100470) NVLAP (| AMA Analytical Services, Inc. |
|----------------------------|--------------------------------------|--|-------------------------------|
| 01) 459-2643 | | AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) | ervices, Inc. |
| | | CENTRAL SECTION OF LAND | |

YU

(Please Refer To This Number For Inquires)

| 4. Comments: | 2. Date/Time Analyzed:/ | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: (CUSTODY) | 20061215CAT2 13 Closul 1, mm11 | 17. ol 1 Slove | | 20061215CAT2 09 Rear | 10-17 | | | 03 Wall Left | Floor | 201 Floor | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION DATE | LI NY State Frable LI Grav. Reduction ELAP 198.1 (QTY) | (QTY) | PLM Bulk G EPA 600 Visual Estimate (QTY) | er (specify | LI AHERA (QTY) | PC MCE Porosityin a 25mm 37mm | Therglass (QTY) | PC MCE Porosity in a 25mm 37mm | knalysis Please Indicate Fili | □ Verbals: @ cell # | □Please include COC/field data sheets with results Date & Time Results Required: 12/20/20 @ | Phone # 410 942 0273 Fax # | Address 3: | Havre de Grece | Address 1: 301-1H Old Bay Land | nformation: | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com |
|--------------|---|--|--------------------------------|----------------|-------|---------------------------|-------|------|-------------------------|------------------|-------|-------------------------|--|---|--|--|--|---------------------------------|---|--------------------|---------------------------------------|---------------------------------------|---------------------|--|-------------------------------|--------------------|----------------|--------------------------------|------------------------|--|
| Via:Date: | *************************************** | @ @ LUZU Via: Fraky By (Prin | W W | | | | | | | | | h . | VOLUME WIPE ANALYSIS (LITERS) AREA HE CO RL LE MOL AR BULK OU FROM ANALYSIS | All samples received in good condition unless otherwise noted. (TEM Water samples^C) | E PAR IOU. | A 100.2 | Oual. (pres/ubs) (QTY) | n. (s/area)Dust D6480-99(QT | ☐ Qual. (pres/abs) Vacuum/Dust(QTY) ☐ Quan. (s/area) Vacuum D5755-95(QTY) | | (OTY) | TEM Bulk Ci ELAP 198.4/Chidield (QTY) | © Fax Copy: @ fax # | Reporting Information (Results will be provided as soon as technically reasible): 1030 | 410 942 0254 5. Submitted by: | 4. Contact Person: | 3. Job# | Job Location: | Submittal Information: | |
| типе; | No | Signature | sted to | o NG | 6B F(| Date/Time: Contact: By: 4 | Rea | ding | Date/Time: Contact: By: | | | Date/Time: Contact: By: | ELX CLIENT CONTACT ON STAFF ONLY) BE | ☐ Surface Tupe(QTY) ☐ Other (Specify) | Surface Swab (QTY) Surface Vacuum Dust | Mold - Direct Microscopic Analysis (OTY) B | Comment of the state of the sta | Duct Wine France (voice force) | Drinking Water (QTY) | J Soil/Solid (QTY) | Dust Wipe (wipe type the text) (Q11) | Lead Analysis L Paint Chip(QTY) | Copy: | 4hr After-Hour | _ Signature:_ | (a) | 0.# | × | C 64, 2 | 5 (MD) Bureau |

Catursville 22 12/15/2006 2006 1215 CAT 201 - Floor j q' from Rear well, q' from 02 Floor, 12' from rear well, 6' from (R) with 03 wall Lest 6 from rear well 6 from Steam 24 With Lett. 12' from read with, 3' from Clour. 05 Well Right, 3' Soon rear well. 3' from Sloor Oh well Right, 30' from refer well, 5' from floor 07 Will Trep, 3' from (will, 3' from floor 08 With throp 9' from @ Well, 6' from floor 09 Wall Flor, 12' from Dwell, 3' from the 10 Well rear 15' from Dwell, 6' from bloom 11 Wall rear, I' from @ foll, 6' from floor 12 closed 1, Flour to lest, as enter closed, adjust & a 13 closed I, Well, terpend, adjust to man @ with, 6 from 14 Claved 1, Floor, Das go into clost, 3', adjust to more 15 BLANKS



A Specialized Environmental Laboratory Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address: Client State Military Reservation 301-16 Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Havre de Grace, Maryland 21078 P.O. Number: Job Number: Job Location: Job Name: Not Provided Not Provided Catonsville Armory Catonsville Clear 2 Date Analyzed: Person Submitting: Date Submitted: Chain Of Custody: 2/19/2006 2/19/2006 150780 Report Date:

| <u> (4)</u> |
|-----------------------|
| Ξ |
| 8 |
| Ξ |
| ₽ |
| 22 |
| a. |
| -4 |
| of |
| |
| \rightarrow |
| _ |
| 2 |
| 3 |
| Ξ. |
| 4.3 |
| \rightarrow |
| 5 |
| Ö |
| 0 |
| |
| 2 |
| ⊒. |
| 2 |
| |
| Atomic Absorption An: |
| Ę |
| nal |
| Ξ. |
| ٠Ş |
| S. |
| 5 |
| Ξ. |
| for |
| |
| F |
| ťΡ |
| 20 |
| |
| |

Attention:

T/O

| **** 0.444 27 ***** 0.444 27 ***** 0.444 27 | Flame Wipe **** 0.444 27.00 ug/R² Flame Wipe **** 0.444 27.00 ug/R² Flamc Wipe ***** 0.444 27.00 ug/R² | Flame Wipc **** 0.444 27.00 ug/ft² 100 Flame Wipe **** 0.444 27.00 ug/ft² 33 Flame Wipe **** 0.444 27.00 ug/ft² 5} |
|---|--|--|
| Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² Wipc ***** 0.444 27.00 ug/ft² | Wipc **** 0.444 27.00 ug/ft² 100 Wipc **** 0.444 27.00 ug/ft² 33 Wipc **** 0.444 27.00 ug/ft² 51 Wipc **** 0.444 27.00 ug/ft² 28 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 27 Wipc **** 0.444 27.00 ug/ft² 27 Wipc **** 0.444 27.00 ug/ft² 27 | Wipc **** 0.444 27.00 ug/ft² 100 Wipc **** 0.444 27.00 ug/ft² 33 Wipc **** 0.444 27.00 ug/ft² 51 Wipc **** 0.444 27.00 ug/ft² 28 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 41 Wipc **** 0.444 27.00 ug/ft² 27 Wipc **** 0.444 27.00 ug/ft² 27 Wipc **** 0.444 27.00 ug/ft² 27 |
| ***** 0.444 27.00 ug/R² ***** 0.444 27.00 ug/R² ***** 0.444 27.00 ug/R² ***** 0.444 27.00 ug/R² **** 0.444 27.00 ug/R² ***** 0.444 27.00 ug/R² | ***** 0.444 27.00 ug/ft² 33 ***** 0.444 27.00 ug/ft² 33 ***** 0.444 27.00 ug/ft² 28 ***** 0.444 27.00 ug/ft² 28 **** 0.444 27.00 ug/ft² 41 **** 0.444 27.00 ug/ft² 41 **** 0.444 27.00 ug/ft² | ***** 0.444 27.00 ug/ft² 100 ***** 0.444 27.00 ug/ft² 51 ***** 0.444 27.00 ug/ft² 28 **** 0.444 27.00 ug/ft² 41 **** 0.444 27.00 ug/ft² 41 **** 0.444 27.00 ug/ft²
| 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² 0.444 27.00 ug/ft² | 0.444 27.00 ug/ft² 100 0.444 27.00 ug/ft² 33 0.444 27.00 ug/ft² 51 0.444 27.00 ug/ft² 28 0.444 27.00 ug/ft² 28 0.444 27.00 ug/ft² 41 0.444 27.00 ug/ft² 41 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 33 | 0.444 27.00 ug/ft² 100 0.444 27.00 ug/ft² 33 0.444 27.00 ug/ft² 51 0.444 27.00 ug/ft² 28 0.444 27.00 ug/ft² 28 0.444 27.00 ug/ft² 41 0.444 27.00 ug/ft² 41 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 27 0.444 27.00 ug/ft² < 33 |
| 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² 27.00 ug/ft² | 27.00 ug/ft² 100 27.00 ug/ft² 33 27.00 ug/ft² 51 27.00 ug/ft² 28 27.00 ug/ft² 41 27.00 ug/ft² 41 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 | 27.00 ug/ft² 100 27.00 ug/ft² 33 27.00 ug/ft² 51 27.00 ug/ft² 28 27.00 ug/ft² 41 27.00 ug/ft² 41 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 27.00 ug/ft² < 27 |
| Limit 27.00 ug/ft² 100 27.00 ug/ft² 33 27.00 ug/ft² 51 27.00 ug/ft² 28 27.00 ug/ft² 41 27.00 ug/ft² 41 27.00 ug/ft² < 27 | 27.00 ug/ft² 100 ug/ft² 27.00 ug/ft² 33 ug/ft² 27.00 ug/ft² 51 ug/ft² 27.00 ug/ft² 28 ug/ft² 27.00 ug/ft² 41 ug/ft² 27.00 ug/ft² 41 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 46 ug/ft² | 27.00 ug/ft² 100 ug/ft² 27.00 ug/ft² 33 ug/ft² 27.00 ug/ft² 51 ug/ft² 27.00 ug/ft² 28 ug/ft² 27.00 ug/ft² 41 ug/ft² 27.00 ug/ft² 41 ug/ft² 27.00 ug/ft² 41 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² 27.00 ug/ft² < 27 ug/ft² |
| ug/ft² 100 ug/ft² 33 ug/ft² 28 ug/ft² 41 ug/ft² 27 ug/ft² < 27 | ug/ft² 100 ug/ft² ug/ft² 33 ug/ft² ug/ft² 51 ug/ft² ug/ft² 28 ug/ft² ug/ft² 41 ug/ft² ug/ft² 32 ug/ft² ug/ft² < 27 | 100 100 100 100 100 100 100 100 |
| 100 33 51 28 41 41 32 4 27 4 27 4 27 32 | 100 ug/ft² 33 ug/ft² 51 ug/ft² 28 ug/ft² 41 ug/ft² 41 ug/ft² 427 ug/ft² 4 27 ug/ft² 4 27 ug/ft² 4 27 ug/ft² 4 27 ug/ft² 4 0 ug/ft² 9 150 ug/ft² | 100 ug/ft² 33 ug/ft² 51 ug/ft² 28 ug/ft² 41 ug/ft² 41 ug/ft² 427 ug/ft² < 27 ug/ft² |
| 100 33 33 51 28 41 41 32 27 27 27 27 27 27 27 27 27 27 27 27 27 | 100 ug/ft² 33 ug/ft² 53 ug/ft² 28 ug/ft² 41 ug/ft² 41 ug/ft² 32 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 0 ug/ft² 0 ug/ft² 0 ug/ft² 0 ug/ft² | 100 ug/ft² 33 ug/ft² 51 ug/ft² 28 ug/ft² 41 ug/ft² 41 ug/ft² 32 ug/ft² 32 ug/ft² 27 ug/ft² 27 ug/ft² 27 ug/ft² 37 ug/ft² 38 ug/ft² 39 ug/ft² 46 ug/ft² 150 ug/ft² |
| | ##\fr; ## | መረት? መረት? መረት? መረት? መረት? |

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NYLAP, NIST, or any agency of the Federal Government

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

19-Dec-06 Page 1 of 3 Released by National Guard Burgau FOIA Requested Record #J-15-0085

N/A = Not Applicable

%Pb = percent lead by weight

ug = micrograms

AMA Analytical Services, Inc.

:

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Address

Client

Havre de Grace, Maryland 21078

State Military Reservation 301-fit Old Bay Lane, Altn: NGB-AVN-SL National Guard Bureau

Job Location: Job Number:

Not Provided

Catonsville Clear 2

Job Name:

Catonsville Armory

Chain Of Custody:

Person Submitting:

Date Submitted:

12/19/2006 150780

Date Analyzed:

2/19/2006

Report Date:

19-1)ec-06

Attention:

AMA Sample

Client Sample

Analysis Type

Sample Type

Summary of Atomic Absorption Analysis for Lead

Not Provided

P.O. Number:

Air Volume

Area Wiped

Reporting

Final Result

Comments

See QC Summary for analytical results of quality control samples

associated with these samples

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analyst:

Air and Wipe results are not corrected for any blank results should not be considered when interpreting the result.

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted

Technical Manager:

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the elient. NVLAP Accreditation approximation his report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or manhited matter and advertising or matter and adverti this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and the personnel of the personnel of the personnel of these Laboratories, we expressly disclaim any knowledge and the personnel of the p to NGB FOIA Reading Room

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

All rights reserved AMA Analytical Services, Inc

NVLAP, NIST, or any agency of the Federal Government.

Page 2 of 2 FOIA Requested Record #J-15-0085 Released by National Guard Burea.

BEST AVAILABLE COPY

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| | | | BEST A | AVAILABLE COPY |
|---|-------------------------|---------------------------|---|--|
| LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:// 2. Date/Time Analyzed:// 3. Results Reported To: | | 2006 1215 CAT 216 BLANK V | SAMPLE INFORMATION SAMPLE INFORMATION SAMPLE INFORMATION DENTIFICATION DATE OFF Cheset 1, Floor 12 15 SLANK | X |
| @ Via: By (Print): | | NX V | VOLUME WIPE ANALYSIS (LIBES) AREA E M MM MATRIX H M M M M M M M M M M M M M M M M M M | Submittal Information: 1. Job Name: Cada 2. Job Location: Cada 2. Job Location: Cada 4. Contact Person: 6. Fax Copy: 6. Fax # 1 EM Bulk 1 ELAP 198.4/Chatfield (QTY) 1 EM Dust 1 Quan. (s/area) Vacuum/Dust (QTY) 1 Quan. (s/area) Vacuum/Dust (QTY) 1 Quan. (s/area) Dust D6480-99 (QTY) 1 ELAP 198.2/EPA 100.2 (QTY) 1 EPA 100.1 (QTY) 1 EPA 100.1 (QTY) 1 EM Water samples received in good condition unless oth (TEM Water samples) |
| Sign: Sign: Initials: | Date/Time: Contact: By: | Date/Time: Contact: Βν: | TRIX CLIENT CONTACT | Cless 2 Armory PO. # PO. # Signature: Signature: Signature: Signature: Chours* 24hr After-Hours* 1 Paint Chip 24hr After 2 Paint Chip 2 Double Wipe (wipe type 2 Double Water 2 Double Water 2 Double Water 2 Mold - Direct Microscopic Analy 2 Spore-Trap 2 Surface Swab 2 OTY 2 Surface Tape 2 OTY 3 Surface Tape 4 OTY 4 Spore-Trap 4 Spor |

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| | | | | | | | | | | | | | BEST | AVAILABLE COPY | |
|--|------------------|------|---------|-------------------------|------------|----------|--------|----------------|------------|-----------|-------|----------------|---|---|-----------------|
| LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:// 2. Date/Time Analyzed:// 3. Results Reported To:/ | 2006 1215CATZ 13 | | | 01 20061215081210002 | | <u>~</u> | 06 | 20061215CAT205 | h <i>0</i> | 03 | 20 | 20061215CAT201 | CLIENT ID NUMBER | 2. Address 1: 2011 in 200 Pay Lead 3. Address 2: Have A Grace NO 4. Address 3: | Client Name: |
| IORY STAFF ONLY: (CUSTO) I. Date/Time RCVD:/_ 2. Date/Time Analyzed: 3. Results Reported To: | closet 1, Juni1 | - | سيه وسر | 500 | 17-0 | 7.7 | P. Jut | t -1 *3 | إكما | mell Less | Floor | Floor | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | # Pay L Grace 1 273 heets with it | Region No |
|) | | | | | | | | | | | | 12/15 | DATE (LITERS) | 3° 5 | ¥ E |
| Via: _@By (Print): | V | | | | | | | | | | | 4 % H .* | WIPE / M / S | 2. Job Location. 2. Job Location. 2. Job Location. 2. Job Location. 3. Job #. 4. Contact Person. 5. Day. 6. Examples 6. Exam | |
| By Ohmo: 0: Via: | | | | | | | | | | | | X | PCM ANALYSIS PLM YEAD MOLD | 3. Job #: 4. Contact Person 4. Contact Person 5. Submitted by: 6. Jo254 5. Submitted by: 6. Jo254 7. Submitted by: 7. June Provided as your as recurrence of the provided as your as your as recurrence of the provided as your as your as your as your as your as your as your as your as your as your as your as your as your as your | |
| Parte | | | | | | | | | | | | X | AIR BULK DUST MATRIX WATER AND OTHER | YTID) | Cate |
| Sign: | | | | | | | | | | | | | AND TRIX SAURE FRAP TAPE SWAB | Lead Mol | |
| Sign: | | | | Date Inde. | Date/Time: | | | Date/Time: | | | | Date/Time: | | P.O. #@ phone #Signature: | |
| hitiale | | | | Confider. | Contact: | | | Contact: | | | | Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | s* []Late-Night* (*must be pre-scheduled by National QTY) [QTY) [QTY] |
| <u> </u> | | | | Dy. | R. | | | By: | - | | | By: | | e pre-schedu | |
| P | osted lay, 2 | to (| чGВ | F OI | A R | eadin | g Ro | om | | <u></u> | | | BEST | AVAIGABLE COEY FOIA Requested Record #J-[15-0] Released by National Guar Page 8 | 085 (I d Bui |

AMA Analytical Services, Inc.
Alha (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blyd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| Initials: | Inin | Time: | | | | | Date | | | Via: | | | | | | | ed To: | 3. Results Reported To: | . Results | (م) ــ | |
|-----------------------|--|------------------------------|-------------------|----------------------|------------------|--|---------|--------------|-----------|-----------------------------------|---------------------|--------------------------|--|--------|--------|---------------|---|---------------------------------------|-------------------------|--|----------------|
| | | * | | Sign | | | | | | Ī | By (Print): | В | 8 | | | | ilyzed: | Date/Time Analyzed: | . Date/T | 2 | |
| | | Sien: | | | | | | By (Print): | œ. | | | Via | (B) | | | | VD. | 1. Date/Time RCVD: | . Date/I | | ļ |
| Pos May | | | | | | - | | | | | | | | | | | ARORATORY STAFF ONLY: (CTISTIONY) | TAN O | ORV S | RORAT | I |
| ted to | | | 5 5 1 | ् ् ् र | <u> </u> | | | | | | | | | | | | | | | | |
| 9 NG | | | | | 13.5 | | | | | - | | | | | | | | + | | | |
| BB F | | | | | | | - | | | | | - | | | | | | - | | | |
| B _V OIA | Contact: | Date/Time: | | | | | | 3.4 | - | | | 1 | IV | | \leq | | BLANK | Ť | CATI | 2006 1268CAT1 22 | 200 |
| Rea | | | | 1 | | | | | | | | Λ | <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i> | | | | SLANK | 21 E | 2 | | |
| adin | | | | | | | | | | - V | | | 4 | | | 2 | Closet #2 | 20 Clo | 2 | | |
| g R | Contract. | | | | | | | | | | | | | | _ | ٢ | Closet #2 | 19 Clo | | | |
| oom | Contact: | Date/Time: | | 7.3 7.3 7.3 | | | | | | | | Į (| | | | | Closet # | 18 Clo | ľ | 10061208CATI | 8 |
| | | | | | - | | | | | | | _ | | | | | Clusc+ # | | | | |
| | | | | - 27 1 28 1 31 | | | | | | | | | | | | Rear | | 10°11 | _ | | |
| | | | | | | | _ | | | | - | | - | | L | Resi | | 15 120011 | _ | | |
| Bv: | Contact: | Date/Time: | | | / | V | | | X | | | - | h, 4, | | 12 8 | | | - | Г | 2006120BCAT | 20X |
| BES! | CLIENT CONTACT (LABORATORY STAFF ONLY) | SWAB (LA | TAPE | SPORE TRAP | MATRIX STATES | BULK | AIR | MOLD | LEAD | PCM ANALYSIS | TEM | | 7 | VOLUME | | ATION TION | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | SAM | T U | CLIENT ID | |
| Ĭ | (Y) U Other (Specify_ | G Surface Tape(Q) | í S | | | | | | ၂၀ | ples | (TEM Water samples | TEM W | <u></u> | | (QTY) | |) | EF-24, 13 | pecify | Other (specify | |
| AIL/ | (QTY) Surface Vacuum Dust | Ĭ | ı Sı | ř. | ise note | ☐ All samples received in good condition unless otherwise noted. | n unles | conditio | n good | ceived | mples r | All sa | | | 3 | | (QTY) | INY State Friable | e Friable | ☐ NY State Friable | n ci |
| OFY ABLE | alysis ೧□Budk(| copic | ďS 🗖 YT - PPOW | | | , | -(611) | (XIIÒ) | 1.1 | 100 | 00.1 | G EPA 100.1 | e | | క | YIQ) (QIY) | (QTY) | d Estimat | int Count | ☐ EPA 600 Visual Estimate | ОС |
| | | | | | | • | | -(QTY) | ٦ | Qual. (pres/abs) | ☐ Qual. (pres/abs). | I Qual. | - (1) | | | | | | | BLW Balk | MIG |
| OPY | e type) | Dust Wipe Furnace (wipe type | ۵ و | | | .(4.4.) | | E E | | | | TEM Water | MEIL | | (STC) | | (QTY) | | 202 Pecify | LI Other (specify. | e e |
| , | (VIV) | Drinking Water | | | 7 | () (V) (V) (V) (V) (V) (V) (V) (V) (V) (| | 3 | 1480-99 | ☐ Quair. (s/area) vacuum D3/33-93 | (s/area | Ouan | 00 | | | | (QTY) | | | AHERA | |
| | (QTY) | Q) |] [건설 | |) | igna STS | | 2 | um/Dus | Qual. (pres/abs) Vacuum/Dust | (pres/at | Qual. | 70 | | | 37mm | er Type: in a 25mm 37mm | ate Filter | ase Indic: Porosity, | TEM Air - Please Indicate Filter Type: PC MCE Porosityin a 25r | JEM. |
| È | 7 | D Air (QTY) | | | | | | .(QTY) | | | uai Ash | ∐ Residual Ash (Dust | TEM Dust | | | | (QIX) | | S Pool | ☐ Fiberglass. | כונ |
| (OTY)OI | Fhort) 22 | ist Wipe (wipe type_G | K (| | | | OLY. | | | WIEW. | NY State PLM/TEM | SANC | 10 | | | 37mm | in a 25mm 37mm | in | Porosity 7400 | PC MCE Porosity | סיו" |
| A Red Rel | 98.4/Chatfield(OTY) Lead Analysis Paint Chin (OTY) | alysis int Chin | Lead And | | | | 077 | | | [Bulk □ ELAP 198.4/Chatfield | 198.4/ | TEM Bulk | | | | | Type: | ate Filter | alysis ase Indica | Asbestos Analysis PCM Air – Please Indicate Filter Type: | PCM. |
| eas | rsythe @ us | mail Copy: Ken. fo | ME | | | | # | ⊕ fax | | | | Copy: | ☐ Fax Copy: | | | # | @ cell # | | | U Verbals: | |
| st be pre-scheddaded) | Late-Night* (*mus | 24hr After-Hours* [| ours* □ | fter-H | and A | + 1 | 5 Day | THE C | | | Immed 324in | Immd | ' | | 9 | / | ä | Require | Results | Date & Time Results Required: | Date |
| Re by N | | Non | casible) | ically. | HUNEAL | 3E-110:05 | ed as | provid | Will be | esults | Tion (R | forma | Reporting Information (Results will be provided as soon as t | Repor | | s with res | Please include COC/field data sheets with results | C/field d | ide CO | ease incl | D _M |
| cors | | Signature: | | | | | by: | mitted | i. Sub | | 1 | 0254 | 942 | 410 | Fax #. | ×25 | 0273 | 342 O | | Phone #. 410 | 5. F |
| 02.73世 80年 | * 410 947 | ande © | | | | | rson: | tact Pe | ნ ლ | | | | | | | | | | | Address 3: | 4. 1 |
| -15- Gu | | # A | | | | | | * | s. Job | | | | | | 21078 | 100 | de Grace | | Hava | Address 2: | |
| -008 ard 89 (| | Armory | ð | 7 | 0.11 | مهدم | Ü | Locati | Job | | | | | | ٢ | Bay Lane | ord & B | - | 1: 301-14 | Address 1: | |
| 85 (N Bur of 5 | | | , - | 178 | = | さいい | U. | Name | Job | _ , | | | | | H | Reaco North | Scare S | NG0 | me: | Client Name: | |
| MD) eau 269 | | | | | | 3 | | infa Infa | arbmit | | | | | | | | R | rmation | ng Info | Mailing/Billing Information: | Mail |
|) | | | | | | | | | | | | | | 100 | (1) | | , | om (CC) | www.amalab.com | www | |

4. Comments:

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com CHAIN OF CUSTODY

| 3. Results Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) L Date/Fime RCVD:////////_ | 20061208CAT1 13 WILL TITOP W | 12 Wall Trap | 11 Will Trap | | 2006-1268CATIOS WALL RYMA | ob wall Right | | Wall | 160G12D8CATIOS WAII LEA | 79.7 | 05 V | 02 | 2006,1208CMT1 01 HOST 12/8 | SAMPLE INFORMATION CLIENT ID SAMPLE LOCATION UMBER IDENTIFICATION DATE | Other (specify) (QTY) | n ELAP 198.1 (QTY) | (QTY) | CI EPA 600 - Visual Estimate (OTY) | er (specify | D NIOSH 7402 (QTY) | PC MCE Porosity in a 25mm 37mm | (ZH) Air – Please Indicate Filter Type: | | PC MCE Porosity in a 25mm 37mm | Asbestos Analysis | 7 Verbals: @ cell # | I rease include COChecia data succis with results Date & Time Results Required://@_ | 5. Phone # 110 11 £ 02 2 × 62 Fax #. | Address 3: | 3. Address 2: Hays de brace FD 21078 | Address 1: 301-14 010 644 La | الم الم | ailing/Billing Information: |
|-------------------------|------------------------|--|----------------------------------|--------------|--------------|----|---------------------------|---------------|------|------|---------------------------|------|------|----|----------------------------|--|---|---|---|------------------------------------|-----------------------|----------------------------------|--------------------------------|---|----------------|--|---------------------------------|--|--|--|----------------------------------|--------------------------------------|------------------------------|----------------------------|-----------------------------|
| Via: / | By:(Print): | @ Vīa: By (Print): | | | | | | | | | | | | | \(\frac{1}{2}\) | VOLUME WIPE / M / PL / DU / AIR / BU / STANGER KIX | *************************************** | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | U EPA 100.1 (QTY) | A 100.2 | Oual (pres/abs) (QTY) | Clark (s/area)Dust D6480-99(Q1x) | -95 (Q1 | TEM Dust Oual (pres/abs) Vacuum/Dust (OTY) | idual Ash(QTY) | ONY State PLMTEM (QTY) | (OTV) | @ fax Copy: @ fax# | | Percenting information (Recults will be mayifed as soon as feeling | 4. Contact Person | • | • | 1. Job Name: Ca Ton Source | Submittal Information: |
| 7 Time. Imitals: | Sign: | Sign:P.G. Mr. | sted | l to 1 | GE | FO | Date/Time: Contact: By: 4 | eac | ding | Ro | Date/Time: Contact: By: Ε | | | | Date/Time: Contact: By: | CLIENT CONTACT TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE | | D Surface Tape (QTY) G Other (Specify) | — ☐ Spore-Trap(QTY) ☐ Bulk(QTY) ☐ Spore-Trap(QTY) ☐ Spore-Vacuum Dust ☐ BDTY) | roscopic Analysis | | I Duet Wine Firmage (wine type | ☐ Drinking Water(QTY) | | © Air(QTY) F | M Dust Wipe (wipe type (f. keyt) 22 (QTY) | Lead Analysis OTTY Requestion | ■ Email Copy: Ken: Facsy the @ US: 4cmy . mill @ | md. After-Hours* 🗍 24hr After-Hours* 🗀 Late-Night* (*must be pre-sched) किंद्रों | Silv reachier Signature. | gphone # 4/0 74 cc (3 x # Din Pi | 15 Gu | | 85((Ju | (MD) reau 5269 |

0718590 0718589

20061208CAT121 20061208CATt 22

Flame

Wipe Blank Wipe Blank

X N/A

12.00 12.00

g g

Mame

AMA Analytical Services, Inc. A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Address: Client: 301-JH Old Bay Lane, Attn: NGB-AVN-SI National Guard Bureau State Military Reservation

Havre de Cirace, Maryland 21078

Job Location: Job Name: Catonsville, MD Armory Catonsville IFR

Date Submitted:

Person Submitting Date Analyzed:

Chain Of Custody:

150775

2/11/2006

12/11/2006

Report Date:

11-Dec-06

P.O. Number:

Not Provided

Job Number:

Not Provided

Summary of Atomic Absorption Analysis for Lead

Area Wiped

AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Attention:

Number

3

Reporting Limit

Final Result

Comments

Page 2 of 2

2 2 3T

See QC Summary for analytical results of quality control samples ٨ ë

associated with these samples

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-93/200(M)-7421; Water: SM-31138 Analysis Method for Flame: Air, Wipes, Paints. and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B

Air and Wipe results are not corrected for any blank results

should not be considered when interpreting the result.

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight

ug = micrograms

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

Analyst

Technical Manag

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, or sample speech for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any solvertising or publicity matter without prior written authorization provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly dischain any knowledge again lightly for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the facilitation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of A HERA air commission. This removed must not be most to those to be most one decimal accuration and the most some facility most of the

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643

An AlHA (#8863), NYLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD Released by National Guard Bureau Page 91 of 5269

0718571 0718570 0718569 AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting Limit

Final Result

(omments

E

Summary of Atomic Absorption Analysis for Lead

Attention:

Number

Analytical Services, Inc.

Christer El

 ℓ_2

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Address: Clicate

301-IH Old Bay Lane, Attn: NGB-AVN-SL

Job Location:

Job Name:

P.O. Number: Job Number:

Not Provided Not Provided

Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau

Catonsville, MD Armory Catonsville IfR

Chain Of Custody:

150775

Date Analyzed: Person Submitting

Date Submitted:

2/11/2006

12/11/2006

Released by National Guard Bure.

Page 92 of 5269

FOIA Requested Record #J-15-0085

Report Date:

11-Dec-06

Page I of 2

9718581 20061208CAT114 Flame Wipe **** 0.111 108.01 ug/ft² 250 ug/ft² 270 ug/ 20061208CATI 07 20061208CATI 04 20061208CATI 01 20061208CAT1 06 20061208CATI 05 20061208CAT1 02 20061208CATI 08 20061Z08CATI 03 20061208CATT 12 20061208CATI [] 20061208CATI 10 20061208CATI 09 Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Wipc Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe * ** *** * *** *** *** *** * * * * 0.311 3113 11170 11.0 0.111 0.111 0.111 0,111 0.111 0.111 0.111 0.111 10.801 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 ug/ft³ ug/શિ ng/ft² ug/ft ug/ft² ug/it? ug/it² ug/n³ ug∕ft² ug/lt² ٨ ٨ 2700 670 = 10 800 110 ug/ft³ ug/ft² ւթ/ճշ ug/ft² ug/ftì ug/ft² n8∕tt² mg/ft² ng/ft² ւն/Յո ug/ft² 1 Ð *2*00, ٠ ا ; کرچک ر د د BEST AVAILABLE COPY

0718580

0718579 0718578 0718577 0718576 0718575 0718574 0718573 0718572

NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc



AMA Analytical Services, Inc.

(Please Refer To This



•

.

÷

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

9√2 150775

| | | | | | | | | | | | | ents: | 4. Comments: |
|----------------------|---|---|---|---------------|--|------------------------|--|----------------------------------|---|------------------|---|---------------------------------------|--|
| | Initials: | <u>.</u> | Time: | | de:/_ | Date: | Via: | | | | To: | 3. Results Reported To: | 3. Result |
| | | | | | | Non- | <u> </u> | By (Print): | @ | | zed: | Date/Time Analyzed: | 2. Date/1 |
| Po: | | | Sign | | | By (Printer) | FEDEX | 1030 Vin 170 | 61 @ 103 | | x: (cusno | IORY STAFF ONLY L. Date/Time RCVD: | LABORATORY STAFF ONLY: (CUSTOBY) 1. Date/Time RCVD: 12/ |
| | | | And the first think the first | | | /e | | | | | | | |
| NGB I | *************************************** | | | | | | | | | | | | |
| FOIA | ву: | Contact | Date/Time: | | | | | - | IV/ | < | ガス | BLANK | 2006-1208CAT122 |
| Rea | | | | | | | | ^ | | | シス | EL BLANK | 2 |
| ding | | | | | | | | | \ | | 7# + | | 7 |
|) Rc | | | | | | | | | | | 1 #2 | \rightarrow | |
| om | : Ву: | Contact: | Date/Time: | - | | | | | | | 七七 | - | 1004/208CATI |
| | | | | | | | | | | | 4# | | - |
| | | | | | | | | | | | | ול ואינו | |
| | | | | | | | | | | | | - | ł |
| | : By: | Contact | Date/Time: | | Χ | | X | | 1,4×4,1 | 1718 | Rear | 112ml H | 20061208CNT1 |
| BES | FONLY) | CLIENT CONTACT (LABORATORY STAFF ONLY) | SWAB | SPORE THAP | BULK DUST-X | MOLD AIR | ANALYSIS PLM LEAD | TEM | VOLUME WIPE | Harrier Transfer | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | SAMPLI SAMPLI IDEN | CLIENT ID NUMBER |
| TA | Į | (And the Control of Control | | | | S | nples° | (TEM Water samples | Э | (QTY) |) | ELAP 198.1 | Other (specify |
| 9 / (i | m Dust | (QTY) Other (Specify | Surface Tape (| | All samples received in good condition unless otherwise noted. | d condition u | eceived in goo | Ali samples r | C | À. | | 1 001 4 10 | NY State Friable |
| LAE | | (QTY) DBulk | | | | (QTY) | · | 1 EPA 100.1 | | ; | (QTY) | | EPA Point Count |
| BLE | | Analysis | oscop | Mol | (QTY) | | EPA 100.2 | ☐ ELAP 198.2/EPA 100.2 | . | OTY) | â | Estimate | PLM Bulk PLM Bulk Plant Visual Estimate |
| C. | | wipe type | L Dust wipe rumace (w | | | (OTY) | <u>z</u> | L Matet □ Oual. (pres/abs) | Talest Mater | _(QTY) |) | | Other (specify |
| PY | | (410) | Waste Water (Q | | (QTY) | 9 | Quan. (s/area)Dust D6480-99. | Quan. (s/anca) | | | _(QTY) | (Q) | U NIOSH 7402 |
| , | | (QTY) | Drinking Water | | (QTY) | 55-95 | Li Quan. (s/area) Vacuum D5755-95 | Quan. (s/area | C | | in a 25mm 37mm | in a 25 | PC MCE Porosity |
| | | | D TCLP | | (077) | 4 | (LUBS) Oual, (pres/abs) Vacuum/Dust | Oual (pres/at | ROLL BROWER | | В. <u>т</u> | te Filter Type: | TEM Air - Please Indicate Filter Type: |
| | | (QTY) | O Air | | | (QTY) | | Residual Ash | | | 1,QTX | (C) | I NIOSH 7400 |
| FC | CLID) | () 2 | Wipe (wipe tyl | | 3 } | \sim ! | | UNY State PLM/TEM | 0 | | Sram 37mm | in a 25mm | PC MCE Porosity |
| IA R | | (OTY) | Lead Analysis | Lead | OTY) | ĝ | harfield | LBulk LI ELAP 198.4/Charfield | TEM Bulk | | e. | e Filter Type | Asbestos Analysis PCM Air Please Indicate Filter Type: |
| equ Relea | S, acmy , mi | , n @ 4; | Email Copy | | | @ fax # | | ¥ğ. | ☐ Fax Copy: | | @ cell # | | ☐ Verbals: |
| ested sed | ust be pre-schedu | s* []Late-Night* (*must be pre-scheduled) see | 4hr After-How | After-Hours' | aas soomaas rec Day + ∏irmond | 72hr ∏5 I | r 148hr 1 | nmd. X 24h | Reporting information (Results with the provinces as soon as rectinically reasoner): [] Inund. [\$\frac{1}{2}\text{2}\text{dir} \cup 48\text{8}\text{tr} \cup 72\text{br} \cup 5 Day + \cup \text{Immd. After-Hours*} \cup 2 | (S) | sheets with re | 'ffield data : Required: | ☐ Please include COC/field data sheets with results Date & Time Results Required://// |
| Re | | | _ Signature: | | Non-F | Submitted by: | 5. Su | 0254 | 0 245 017 | × * | 3 ×25 | 42 027 | 5. Phone #: 410 942 0273 |
| con Natio | 2 0273× | phone # 410 947 | Ma @ | | n; Respo | Contact Person: | | | | | 1 | | |
| #J nal P | | | P.O. #: | | nsive | * | 3. Job#: | | | 21078 | F | 2 de Grace | 3. Address 2: Hava |
| 115 Gu age | | | Armory | IIC AND | Catensville | Job Location: | 2. Job | | - | 5 | Bay Line | THE OID | Address 1: 30 |
| -00 ard 94 | | | | IFR | Job Name: Catonsville | Name: C | 1. Jot | | | 18 | NOW ROSES VOCE | CO Re | 1. Client Name: |
| 35 (I Bur of 5 | | | | | ration: | Submittal Information: | Submi | | | | | mation: | www.anatao.com Mailing/Billing Information: |
| MD) reau 5269 | | | | | | | | | 343 | (301) 459-20 | 5-0961 • Fax (| • (800) 346 | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 |
| 1 | | | |) | () | (((| \ \ \ | (| | | | | |

and and the series, he

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Address: Client: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau

> Job Location: Job Name: Catonsville, MD Armory Catonsville IFR

P.O. Number: Job Number:

Not Provided

Not Provided

Date Submitted: Person Submitting:

Chain Of Custody:

150775

Date Analyzed: 12/11/2006 12/11/2006

Report Date:

11-Dec-06

Page 1 of 2

Attention:

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number Client Sample Number Analysis Type Sample Type Air Volume Area Wiped **F** Reporting Limit Final Result Comments

| USA USA USA USA USA USA USA USA USA USA | 670 310 1170 1110 1110 1120 250 310 1500 1100 | Λ Λ Λ | | 1 108.01 ug/ft² 670 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 170 ug/ft² 1 108.01 ug/ft² < 110 ug/ft² 1 108.01 ug/ft² < 110 ug/ft² 1 108.01 ug/ft² < 110 ug/ft² 1 108.01 ug/ft² 250 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 250 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 310 ug/ft² 1 108.01 ug/ft² 3100 ug/ft² | 0.111 | * * * * * * * * * * * * * * * * * * * | Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe | Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame | 20061208CATI 10 20061208CATI 10 20061208CATI 10 20061208CATI 11 20061208CATI 11 20061208CATI 12 20061208CATI 13 20061208CATI 14 20061208CATI 15 20061208CATI 16 20061208CATI 17 20061208CATI 17 20061208CATI 18 20061208CATI 18 20061208CATI 19 | 0718575 0718576 0718577 0718578 0718579 0718580 0718581 0718582 0718583 0718584 0718585 0718586 0718586 |
|--|--|-------|--------|--|---------|---------------------------------------|---|---|---|---|
| ue/ft: | 110 | ۸ ۸ | ug/ਜ਼² | 108.01 | 0.111 | * * * * * * * * * * * * * * * * * * * | Wipe | Flame | 20061208CATI 06 | 0718574 |
| ug/ft² | 900 | | ug/ft² | 108.01 | 0.111 | * * * * * * * * * * * * * * * * * * * | Wipe | Flame | 20061208CATI 05 | 0718573 |
| ug/ft² | 110 | ٨ | ug/ft² | 108.01 | 0.111 | * * | Wipe | Flame | 20061208CATI 04 | 0718572 |
| ug/ft² | 110 | ٨ | ug∕ft² | 108.01 | 0.111 | **** | Wipe | Flame | 20061208CATI 03 | 0718571 |
| ug/ft² | 110 | ٨ | ug/ft³ | 108.01 | 0.111 | * + * | Wipe | Flame | 20061208CATI 02 | 0718570 |
| -31/Sn | 100 | | 11/81 | 100.01 | 0.1.1.1 | | 4 | Lighte | TO 11 WOOD 71 000 | 695817.0 |

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

FOIA Requested Record #J-15-008 (MD) Released by National Guard Bureau Page 95 of 5269

AAA Arolyticol Services, Irc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Report Date: 11-Dec-06 Page 2 of 2 FOIA Requested Record #J-15-008 Released by National Guard Bureau Page 96 of 5269

State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Job Location: Job Name:

Address:

Attention:

Havre de Grace, Maryland 21078 P.O. Number: Job Number:

Not Provided

Not Provided Catonsville, MD Armory

Catonsville IFR

Date Analyzed: Person Submitting: Date Submitted:

Chain Of Custody:

150775 12/11/2006

[2/11/2006

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | |
|------------------------------|---|
| ile Client Sample Number | |
| Analysis Type | |
| Sample Type | |
| ample Type Air Volume (L) | , and the same of |
| Area Wiped (ft²) | |
| Reporting Limit | |
| Final Result | |
| Comments | |

| PY | 0718589 | 20061208CATI 21 | Flame | Wipe Blank | *** | N/A |
|----------|----------------------|--|-----------------------|--|---------------------|----------|
| СО | 0718590 | 20061208CATI 22 | Flame | Wipe Blank | *** | N/A |
| LE ≥ | nalysis Method for | LAnalysis Method for Flame: Air, Wipes, Paints, and Soil/Solids; EPA 600/R-93/200(M)-7420; Water: SM-3111B | ts, and Soil/Solids; | EPA 600/R-93/200(M) |)-7420; Water: SM-3 | 3111B |
| _AB ≥ | nalysis Method For | Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids:EPA 600/R-93/200(M)-7421; Water: SM-3113B | aints, and Soil/Solid | s: EPA 600/R-93/200 | 0(M)-7421; Water: | SM-3113B |
| AIL | N/A = Not Applicable | | ะr million (ppm) by w | mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) | per million (ppm) | |

associated with these samples.

12.00 12.00

띪 90

> ٨ ٨

12 12

S

See QC Summary for analytical results of quality control samples

≪%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst

Technical Manager:

BEST AVAILABLE COPY

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laborations protection to clients, the public and these Laborations applies only to polarized light increasency of bulk sample material will be discarded in accordance with the appropriate regulatory and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory and these Laboratories, we remained by personal lighting of the securacy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory and all these Laboratories, we remain authorized the securacy of the federal Government.



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 14127

| | Analysis | Type: | Flance | | |
|-----------------------------------|-------------------------|--------|---------------------|--------|----------------|
| | Sample ' | Type: | Wipe | | |
| | Analysis | Dute: | 12/11/2006 | | |
| | Re | sult | Percent Recovery | RPD | Comment |
| Preparation Blank | -0.029 | ppm | | | Acceptable |
| Report Limit Verification Sample | 0.2642 | ppm | 79.3% | | Outside Limits |
| Expected Spike Level (ppm) 0.3333 | | | • | | |
| Duplicate Sample I | BNpm^c | mg/Kg | | • | • |
| Duplicate Sample 2 | #Nood | nig/Kg | | #Urroz | #Proor |
| Matrix Spike Analysis | | | · | | • |
| Spiked Sample | | | 85.67% | | Acceptable |
| Spike Duplicate | | | | | Acceptable |
| Laboratory Control Sample 1 | 276.754 | μв | 91.82% | | Acceptable |
| Laboratory Control Sample 2 | 272.588 | μв | 92.73% | 0.99% | Acceptable |

Calibration Information

Correlation of Calibration Curve:

0.998086

Afficalibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 79.3%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 14126 (114.0% recovery)

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custon | ly - AMA Sample Number - | Client Sample Number |
|-----------------|--------------------------|----------------------|
| 150775 | 18569 | 20061208CATE01 |
| 150775 | 18570 | 20061208CATE 02 |
| SDG Number: | 14127 | |

Page Lof 2

Samples included in this Sample Delivery Group (SDG)

| 150775 18571 20061208CA | 11/03 |
|-------------------------|-------|
| 150775 18572 20061208CA | TI 04 |
| 150775 18573 20061208CA | TI 05 |
| 150775 18574 20061208CA | 11 06 |
| 150775 18575 20061208CA | TI 07 |
| 150775 18576 20061208CA | TT 08 |
| 150775 18577 20061208CA | Ti 09 |
| 150775 18578 20061208CA | TI 10 |
| 150775 18579 20061208CA | TI 11 |
| 150775 18580 20061208CA | 11.12 |
| 150775 18581 20061208CA | TI 13 |
| 150775 18582 20061208CA | TI 14 |
| E50775 18583 20061208CA | TI 15 |
| 150775 18584 20061208CA | TI 16 |
| 150775 18585 20061208CA | 14.17 |
| 150775 18586 20061208CA | TI 38 |
| 150775 ES587 20061208CA | TT 19 |
| 150775 18588 20061208CA | 71 20 |
| 150775 18589 20061208CA | 71 21 |
| 150775 18590 20061208CA | 71 22 |

SDG Number: 14327 Page 2 of 2

AMA Analytical Services, Inc. AHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

7 Kg

iji)^r

| | | | | _ | | 1 | | | _ | r | | | | | | 7 | BEST | AVA | LAE | BLE | co | PY | | | | | _ | _ :: | energi Tenengi | <u>Northi</u> | | | | | | _ |
|--------------|-------------------------|------------------------|---|-----------------|--------------|-----------|------------|-----------------|------------|-----------|-----------------|-----------------|-----------|----|----------|-----------------|--|---------------------------|-----------------------|---------------------------------------|-------------------|------------------------------|--|------------------------------|--------------|--|--|--|--|--|--------------------|--------------------|-------------|----------------|-----------------------|--|
| 4. Comments: | 3. Results I | 2. Date/Tin | LABORATORY STAFF ONLY 1. Date/Time RCVD: | 20061208CAT1 13 | 23 | | Ö | 2006 1258CAT109 | 8 | 9 | 06 | 10061208CAT1 65 | 49 | 03 | 02 | 2006)208CAT! O! | CLIENT ID NUMBER | Grav. Reduction ELAP 198. | NY State Friable_ | ☐ EPA 600 Visual Estimate | PLM Bulk | Other (sperify | AHERA | | ☐ Fiberglass | PC MCE Porosity \(\sigma\) NIOSH 7400 | PCM Air - Please Indicate Filter Type: | Asbestos Analysis | Date & Time Results Required:_ Uverbals: | Please include COC/field data sheets with results | 5. Phone # 410 942 | | | Address 1: 301 | 1. Client Name: NGO 1 | www.amalab.com |
| its: | 3. Results Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: 12 / 1 | Wall Trop | . 2. 2. 2. 6 | Wall Trap | Wall Right | WALL RIJUH | Well Right | Wall Last | Wall Lift | W.1 | רושור | € | | Floor | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION DA | LAP 198.1 | (QTY) | OTV | | (QTY) | (QTY) | : Filter Type: | (QTY) | in a 25mm 37mm (OTY) | | | equiren: # cell # | field data sheets with r | 12 0273 ×25 | | Be Grave in | Old Bay | NGO Reado Noción | n n |
| | | | 106 | | | | مست | | 21000-a | | | | | | | 12/8 | TION VOLUME DATE (LITERS) | (QTY) | | (QTY) | 1(613) | OTV | | | | | | and the against passing continues many times at 1868 | | 9 | Fax #. 4/6 | | 21078 | Lane | E | |
| | | _ @By (Print): | @1030_Via 下包万× | X - | , and the | | | | WYCAUL. | | 19000mm. | | | | v. 800 u | H,xh, | WIPE AREA TEM | TEM Water samples | XI All sample | ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 | Qual. (pres/abs). | TEM Water | Quan. (s/an | Qual. (pres | TEM Dust | NY State PLM/TEM | GELAP 198.4/Chatfield | TEM Bulk | Fax Copy | Reporting Information (Results will be provided as soon as | 642 025H | | | | | |
| | Via | | | | , , | | | | -100-000 | | التامونية. ا | | | | | X | PCM NALYSIS | (TEM Water samples°C) | received in condition | 2/EPA 100.2(OTY) | | | Quan. (s/area) Vacuum D5755-95 Onan. (s/area) Duer D6480-96 | Qual. (pres/abs) Vacuum/Dust | | | 4/Chatfield | | [Jimmo: 1944年 J+88年 J/20年 J=798年 Jim 《Conv· @ fax # | Results will be pr | 5. Submit | | 3. Job#: | | Submittal infor | Curbus de la companya |
| | Date: | Non | Responsiv | | مر | | | | · · | | -waren | | ALEX TOWN | | | X | MOLD AIR BULK | refron emices offici A | dition unless others | (QTX) | (YTY) | (2.1) | | (Q | | (QTY) | (QTY) | | /∠mr o ⊬ay + ∐.m @ fax # | ovided as soon as | Submitted by:_ | Contact Person | Æ | o: Catons | Ca tonsu. | T. C |
| | | SIEU. | | | 300 | 6 | | | | | | | | | | /\ | WATERIX WATER SPORE TRAPE | Se invited. | | Mold | | | | | <u>.</u> | n. ⋈ | | ped I | md Alter-Hours" | technically feasib | | | | ville. | ile LFR | |
| | Time. | Non- | Sig | E | | | | Date/Time: | | | | ☐ Date/Time: | | | | Date/Time: | SWAB | Surface Tape | 6 | Mold - Direct Microscopic Analysis | | Dust Wipe Furnace (wipe type | Drinking Water | O TCLP | Soil/Solid | Dust Wipe (wipe ty) | Paint Chip | Analysis | ☐24br Alter-Hou | | Signature: | ® | P.O. # | Armory | | |
| LILIUAIS. | Initiale. | | | | | | | contact: | | | | : Contact: | | | | : Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | _(QTY) □ Other (Specify) | () Surface Vaci | ic Analysis | A | (wipe type) | (QTY) | L(QTY) | (QII) | pe (6 hust) 22 (| (OTY) | | md. After Hours* ☐ 24hr After Hours* ☐ Late-Night*(*must be pre-scheduled) | | - | phone # 410 942 02 | | | | |
| | | | | isted ay, 2 | | | В F(| ₩ Y | Rea | ding | | By: | | | : | By: | BEST |) Q | | BLE (| co | (ALO) | | | F | QTY OIA | Re Re | eque | e-schedulede ested | Red by N | ord | 73 x 2 ⊊ al | Gua | ırd E | 5 (M Bure f 52 | aú |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| Initials: | Time: | | | Date | | Via: | | | | | o: | Results Reported To: | 3. Results |
|--|--|--|----------------------|--|-----------------------------|---|---|--------------|--|----------------|---|--|--|
| | Sign: | | | | | put): | By (Print): | (9) | | | ed:/ | Date/Time Analyzed: | 2. Date/Ti |
| | | 200 | Melis | By (Print): | | @ 1030 Via Ticd Ex | Via: | 1030 | <u>5</u> 0 € | K | x: (custop | IORY STAFF ONLY 1. Date/Time RCVD: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: 12/ |
| osted flay, 20 | | | | | | | | | | | | | |
| to NGB | | | | | | 1678 278 278 278 | | | | | | | |
| Date/Time: Contact: By: O | D | | | | | | | | | | でスプ | | 2066-1268CAT1 22 |
| Reading | | 200 200 200 200 200 200 200 200 200 200 | | | 233 2203 2333 2333 | | | | 944 977 978 978 978 978 | | #2 | 20 Closet # 2 | 21 |
| Date/Time: Contact: By: 6 | α | | | | | | | | | | | | 100C1208CAT1 1 |
| | | | | 250 200 200 200 200 200 200 200 | | | | | | | rk | | 2) 2) |
| Date/Time: Contact: By: | ם | | | | X | | | - h, x4, | | 12 8 | Rear | 11°M 11 | 2006/12/08/ NT1 14 |
| CLIENT CONTACT SI (LABORATORY STAFF ONLY) | TAPE SWAB | MATRIX STATES | BULK | MOLD AIR | LEAD XSIS | ANALYSIS | TEM | WIPE AREA | VOLUME (LITERS) | | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | SAMPLI SAMPLI IDENI | CLIENT ID NUMBER |
| hape(QTY) G Other (Specify)(QTY) | ☐ Surface Swat | vise noted. | less otherv | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | in good co | s received samples | ☐ All samples receiv (TEM Water samples | OTE O | | l (QTX) | | ELAP 198.1_ | ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 ☐ Other (specify |
| copic Analysis —(QTY) | Mold - Direct Micros | | QTY) | | <u>शि</u> | ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 | □ ELAP 198. □ EPA 100.1 | | | ಕ | _(QTY) (QTY) | Estimate | DLM Bulk DEPA 600 - Visual Estimate DEPA Point Count |
| (Q) urnace (wipe type | ☐ Waste Water. ☐ Dust Wipe F | , | (QTY) | OTY | | □ Quan. (s/arca)Dust D6480-99, <u>1.Water</u> □ Oual. (pres/abs) | ☐ Quan. (s/arca)D [.Water ☐ Oual. (pres/abs) | D Quar | | (YTQ). | 3 | (Q1X) | O Other (specify |
| d(QTY) Water(QTY) | Sou/Soud TCLP Drinking Water | 3 | (XIQ) | 95 | num/Dust_ m D5755- | L <u>. Dust</u> ☐ Qual. (pres/abs) Vacuum/Dust ☐ Quan. (s/area) Vacuum D5755-95 | val. (pres van. (s/ar | | | | er Type: in a 25mm 37mm | te Filter Type in a 25 | TEM Air - Please Indicate Filter Type: PC MCE Porosity in a 25r |
| (wipe type G- | ☐ Paint Chip M Dust Wipe ☐ Air | | ~ ੪ | (QTY) (QTY) | | ☐ ELAP 198.4/Chaffield ☐ NY State PLM/TEM_ ☐ Residual Ash | ☐ NY State PL) ☐ Nesidual Ash | | | | er lype: in a 25mm 37mm (QTY) | ite Fulter Type: in a 25m (QT | PCM_Air - Please Indicate Fulter 19pe: PC MCE Porosityin a 25r PC NIOSH 7400(OTV |
| No | Lead Analysis | | | į, | | | | TEM Bulk | | : | | | Asbestos Analysis |
| Hours* Tlans-Night* (*must be pre-so | Information (Résults will be provided de l'annual de | amd After | ay + □L | Reporting Information (Results will be provided a | #ill be p | (Results | and ination of the property o | Char Conv | Report | (8) Salpa | sheets with res | 7/field data : Required: | ☐ Please include COCffeld data sheets with results Date & Time Results Required:/// ☐ Verbals: |
| Signature: | Sign | | n-Respoi | Submitted by: | | | 54 | 42 025 | मा० व्य | Fax #. | 3 ×25 | 142 027 | Phone #. 410 942 0273 |
| 1. G | P.O. #. | | nsive | Job # | Job #: | | | | | 21078 | Ş | Havre de Grace | - 1 |
| -00 Jard | MD Armory | sville, | Catensi | | 2. Job L | | | | | ٦ | Bay Lane | THE OIG | 0 |
| 35 (MD) Bureau of 5269 | F2 | ^ | mation: Catensoil | Submittal Information: 1. Job Name: Catoo | Submitta 1. Job N | | | | | H | NGB Region North | mation: | www.amatao.com Mailing/Billing Information: 1. Client Name: |

| , . | | | BULK SAMI | PLE D | ATA | | | |
|-----------------|--|-----------|---|--------------|--------|-------------|------------------|--|
| | | | m see USAERA TG | | | onent is HS | 0.1 - 8H8 | • |
| presenac | Quara Dureau | SOLIH ULO | ess including Zip BAY LANE, AHN: NG De Grace MO | A Acres | J-SI | 140111 | Res | (name/AUTOVON) OONSIVE - 0273 EXT 18 |
| Sample | a Installation | | Project Nu | | | ARLO | | 0213 231 18 |
| | 1.Stille | | | | | | | |
| Non | -Respor | nsive | Date Collection | | | Date | Shipp | ed . |
| Range | Conver | ted to | Sternos/G | | | 1 - / | ilon (i | BLDG/AREA) |
| Associa | ited Complaints | (be speci | (ic) | 1 | | _ Carc | 11501 | 112 |
| A 1 | | | <u> </u> | * * . | | | | |
| ASSOCIA Ye | s 🔀 No | es | if yes, li | st sam; | ole nu | mbers | | |
| Trade M | | | Label Infor | mation | | | | |
| Trade N | ame | | NSN | | Man | ufacturer | | |
| Address | 1 | | | | MSD | S Attache | d | · · · · · · · · · · · · · · · · · · · |
| | · · · · · · · · · · · · · · · · · · · | | | | | Yes | _ [|] No |
| Analysis | Lea | d Wip | es - Furnac | e m | e tho | d | | |
| Lab Use Only | Sample No. | | tituents | | Resul | | | Remarks |
| | 093004 | | | | - | | | near LHS wall |
| | 001 CAT 093004 | | | | | | A from | ult, 5.G from front center of ranga |
| | 002 | <u> </u> | See . | | | * | door (| senter of ranga |
| a | (KT093004 003 | | | | · | | loor C | orner of RHS |
| | CAT093004 | | 128 | | | 1 | HS u | ay basebourd |
| | 004 | | | | | | ext to | door |
| ĺ | 005 | | | ĺ | | L | HS U | door nder baffle/lent |
| Comment | | | | ! | | | ft hig | on other side) |
| | · · · · · · · · · · · · · · · · · · · | | | | | (Con | tinued | on other side) |
| A == lu=4 (| (1-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | Т | Lab Use (| Daly | | | | |
| Analyst (| initials) | Reviewe | d By (initials) | | Date | Received | ' | Date Reported |
| Procedur | es Performed | С | omments: | | | | | |
| | | | | | | | | i |

| ab Use Only | Sampte No. | Constituents | Results | Remarks |
|-------------------|--|---------------------------------------|----------------|--|
| | CATO93064 | <u> </u> | | |
| | 006 | | | LHS wall 5 ff from |
| | 007 | · · · · · · · · · · · · · · · · · · · | | RHS wall 5A from flow |
| | CATOR 5004 | | | to front well near plats RHS wall on fan neur Clar wall (below fin) |
| | 008 | | • | RHS wall on fan new |
| | CAT093004 | | | RHS wall 30 ff from 10 |
| | 009 CHE095004 | | <u> </u> | Wall 24 from Skor |
| | 010 | | | Rear wall, 24 from the 2ft from floor |
| } | CAT 593004 | | - | 2++ from floor |
| | O// CAT098001 | <u> </u> | | Regn Wall Center 74+ From Hoos Rear wall 104 From RHS 54 From floor |
| | 012 | • | | Rear wall 10 H from |
| | H1293004 | | [- | RHS 5 17 From 41006 |
| | CAT 013004 | | Ĭ | Top of pipe along LHS. 4' from front well |
| ĺ | 0/4 | | | HVAC Duct , & way downstrays, side toward com New Colo |
| <u> </u> | CAT 013004 | | | |
| | a15 | | ĺ | Top of pipe, along RHS 15 from rear world, in Smoot of |
| - 1 | 2AT093004 | | | |
| e | AT 093004 | | | BLANK |
| i | 017 | | | BLANK |
| ļ | MO93004 | | - | Inside of unused sink |
| | 47 093004 | | | . IROC FANGE. |
| | 019 | | | middle of diversity B2 |
|]4 | AT093004 D20 | | | in locker closet locker |
| - | | ·· ····· | <u></u> | top on the NBC Not leker |
| | <u>. </u> | İ | | 1 |
| | | | | - |
| | | | | í |
| { | _ | | | |
| 7 | " | | . | |
| —-∔ | — <u> </u> | | | |
| ŀ | J | - | · | - |
| | | | | |
| _ | | | | |
| - 1 | | | | |
| —— — | - | | | |
| | | | | |
| T | | | | · |
| | _ | | | 7 |
| [| 1 | | - | |
| | | · | | <u> </u> |
| | j | . | | |
| 1 | | | | <u> </u> |

Released by National Guard Bureau Page 102 of 5269

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

| Submittal Information: 1. Job Name: CATOUSUILLE MD 2. Job Location: CATOUSUILLE MD 3. Job # 4. Contact Person: 5. Submitted by: Signature: Signature: Signature: Signature: Signature: Signature: Signature: One phone # .301 677 3688 Signature: Signature: Signature: Signature: Signature: One provided as soon as technically feasible): Signature: Signature: Signature: Signature: One provided as soon as technically feasible): Signature: Signature: One provided as soon as technically feasible): O | (QTY) | cellaneous Analysis Collor (specify (QTY)) Cother (specify (QTY)) CLIENT CONTACT | (LABORATORY STAFF ONLY) c: Contact: By: | le: Contact; By: | le: Contact: By: | | Initials |
|--|--|--|---|--|--|--|--|
| tture: | A Analysis Paint Chip Dust Wipe (wipe type. Air Soil/Solid TCLP Drinking Water. | Analysis Specify | Date/Time | Date/Time: | Date/Time: | | Dime |
| P.O. #. Signature Feasible): Ours* [124hr.After-H | Lead Analysis D Paint Chip D Dust Wipe (wipe D Air D Soil/Solid T CLP D Drinking Water. | Miscellaneous Analysis Chadon Choher (specify MATER | E OTHER | | | | |
| LE HD | | MGTRIX | BULK WIPE | | | | Sign. |
| tion: CATOUSULLE CATOUSULLE CATOUSULLE soon as technically sy+□land After- 301: 677 7132 |) -(QTY) -(QTY) | | AJR | | | | |
| mittal Information: Job Name: <u>CATOUSUILE</u> Job Location: <u>CATOUSUILE</u> Job #. Contact Person: Submitted by: Ribe provided as soon as technical The provided as soon as technical Start [5:Day + [Immd. After | _(QTY) | '7) (QTY) | LEAD OTHER | | | | mb: Date: |
| Submittal Information: 1. Job Name: CATOUSUILLE 2. Job Location: CATOUSUILLE MD 3. Job # 4. Contact Person: 5. Submitted by: 5. Submitted by: 7. Signs 5. Submitted as soon as technically feasible): | | $\frac{(QTY)}{\sqrt{\mathcal{L}}}$ ANALYSIS | PLM LE | | | | Lay (Print): |
| Sub 1. 2. 2. 3. 4. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. | ELAP 198.4/Chatfield | N N N | M PCM | | | | 'riar' |
| rmation() | (Bulk ELAP 198.4/Chaffel NY State PLM/TEM. Residual Ash. (Dust Qual. (pres/abs) Vacu Quan. (s/area) Vacuu Quan. (s/area) Dust D | O Qual. (pres/abs) DELAP 198.2/BP DEPA 100.1 | WIPE AREA TEM | | | | Wia By (Point) |
| | TEMBUK DONY TEMDUS O Que | | ERS) | | _ | | |
| 4476 21078 Eax #. | | C C C C C C C C C C C C C C C C C C C | VOJ | | | | |
| | g g | (QTY) —(QTY) —(QTY) —(QTY) XSIS INFOR | TON D | | 2007 | 010 011 012 015 STODY) | |
| Grace Crace | er Type: in a 25mm 37mm (QTY) —(QTY) er Type: in a 25mm 37mm | imate (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) SAMPLE ANALYSIS INFORMATION | SAMPLELOCATION CAT 013069 00 | CAT 643604 CAT 643604 CAT 643604 | earo93004 006 Caro93004 007 Caro93004 008 Caro93004 008 | Cato42004 OLD Cato43004 OLD Cato43004 OLG Eate43504 OLG | VD: lyzed: ed To: |
| nformation: ARMY N BOI- 1H Havre de | ate Filte | D Other (specify D Other (specify D EPA 600 - Visual Estimate D EPA Point Count O NY State Friable O Grav. Reduction ELAP 198.1 O Other (specify C Other (specify | SAM | 74 P 73 | CATE CATE CATE | CAT043004 OLD CAT043004 OLL CAT043004 OLL LABORATORY STATE ONIX: CUSTODX | 1. Date/Time RCVD: 2. Date/Time Analyzed: 3. Results Reported To: 4. Comments: |
| www.amalab.com Mailing/Billing Information: Client Name: ARMY N Client Name: ARMY N Address 1: 201-114 Address 2: Haure & Address 3: Haure & Doine & Time Results Required: Company of the Address 3: | cstos Analysis [Air – Please Indic PC MCE Perosity INOSH 7400 Fiberglass [Air – Please Indic PC MCE Perosity | Ontor (specify 1 Bulk 1 Bulk 1 Event 1 Event 1 Event 2 Event 2 Event 3 Event 4 Event 5 Event 6 Event 6 Event 6 Event 6 Event 7 Event 7 Event 7 Event 8 Event | CLIENT ID NUMBER | | | RATORY | 1. Date 2. Date 3. Resi |
| www.am. Www.am. Www.am. Www.am. Client Nam. Address 1 Address 2 Address 2 Phone #. Phone #. Methals: | SAsbestos Analysis PCM Air – Please Inc PC MCE Poros O NIOSH 7400 O Fiberglass TEM Air – Please Inc PC MCE Poros | だる質量をなる。 Jロ JOO DO DO EST AVAILABLE COI | 3.2.3 3.3.3 3.3.3 | FOIA Reque | ested Record # | | |

Released by National Guard Bureau Page 103 of 5269

AIMA Analytical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com

(Please Refer To This Number For Inquires)

| CUSTC |
|-------------------------|
| S |
| |
| $\overline{\mathbf{C}}$ |
|) F(|
| \circ |
| 7 |
| |
| \triangleleft |
| H |

Submittal Information:

BEST AVAILABLE COPY Elimind. Oxfin. 148hr 172hr 15 Day + Thurnd. After Hours 1024hr After Hours 18 21e-Night" (*must de pre-scheduled) By: (LABORATORY STAFF ONLY) (OIX) Initials: CLIENT CONTACT Contact Contact Contact @ phone # .301 (STS) (013) Dust Wipe (wipe type. Date/Time Date/Time Date/Time Miscellaneous Analysis Signature: ☐ Radon ☐ Other (specify_ L Email Copy. PO.#. Lead Analysis Reporting Information (Results will be provided as soon as sechmeally feasible) Š RITIK WIPE MATRIX CATOUSUILLE Job Location: CATONSUILE @ tax # 301 677 7152 (OTY) (QTX) Contact Person: Submitted by: LEAD Job Name: (873) (ATS) Job#: ☐ Qual. (pres/abs) Vacuum/Dust. ☐ Quan. (s/area) Vacuum D5755-95. ☐ Quan. (s/area)Dust D6480-99. (STS) ANALYSIS PLM ELAP 198.4/Chatfield
 NY State PLM/TEM
 Residual Ash ☐ Qual. (pres/abs)______ ☐ ELAP 198.2/EPA 100.2_ ☐ EPA 100.1_____ Z Z IEM PLEASE PORT **IEM Water** WIPE AREA TEM Dust VOLUME 21078 SAMPLE ANALYSIS INFORMATION NATIONAL GUARD Fax# (OTX) (OTY) (QLX) Bar 5 20 TEM Air – Perosity in a 25mm 57mm of the region of the reg SAMPLE LOCATION 8 CAT DASOOT CAT OTSOC CATORSOOM CAT 043004 CAT 093007 LABORATORY STAFFONEX: (C 010 Architecture and the second (VIO F84101891 6 PCM Air - Please Indicate Filter Type: Grav. Reduction ELAP 198.1 ☐ EPA 600 – Visual Estimate.
☐ EPA Point Count
☐ NY State Friable. Client Name: ARMY Address 1: 301-1H 3. Results Reporte 2 Date/Time Ana Date & Time Results Require 1. Date/Time RC HAUTE PC MCE Porosity_ CLAHERA CLANOSH 7402_____ ☐ Grav. Reduction ☐ Other (specify_ Other (specify CLIENT ID NUMBER Asbestos Analysis Address 1: Address 2: Address 3: Phone #. □ Verbals: 4,

BEST AVAILABLE COPY

AIFA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

Posted to NGB FOIA Reading Room May, 2018

Mailing/Billing Information:

www.amalab.com

Requested Record Released by National Guard Bureau Page 104 of 5269

Attention:

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped (fe)

Reporting Limit

Final Result

Comments

Page ! of 2

Summary of Atomic Absorption Analysis for Lead

A Sponiation Final managed Laboratory Analytical Services, inc.

CERTIFICATE OF ANALYSIS

Client: Address: State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Job Location: Job Name: Not Provided Catonsville, MD Catonsville

Havre de Grace, Maryland 21078 Job Number:

P.O. Number:

BPA #W912K6-04-A0002

Person Submitting Date Submitted:

Date Analyzed:

130313 10/1/2004

Report Date:

Chain Of Custody:

08-Oct-04

FOIA Requested Record #J-15-0085 (MD)
Released by National Countries Released by National Guard Bureau Page 105 of 5269

| ug/ft ² | 59 | ug/fr∈ | 6.75 | 0.111 | *** | Wipe | Furnace | CAT 093004 020 | 0500328 | |
|--------------------|-------|-------------------|--------|-------|------|------------|---------|----------------|---------|-----|
| ug/ft² | 20 | ug/ft² | 2.70 | 0.111 | * ** | Wipe | Fumace | CAT 093004 019 | 0500327 | |
| nB/th | 260 | ug/R² | 67.51 | 0.111 | *** | Wipe | Furnace | CAT 093004 018 | 0500326 | |
| S) O | 0.4 | 뛶 | 0.30 | AW | *** | Wipe Blank | Fumace | CAT 093004 017 | 0500325 | |
| U8 | 0.48 | Su | 0.30 | A/K | *** | Wipe Blank | Furnace | CAT 093004 016 | 0500324 | |
| ug/ft² | 9100 | ուն/Աշ | 108.01 | 0.111 | *** | Wipe | Flame | CAT 093004 015 | 0500323 | |
| n8/ft² | 4.9 | ug/ft² | 2.70 | 0.111 | *** | Wipe | Purnace | CAT 093004 014 | 0500322 | |
| ս <i>Ձ</i> /Ո² | 850 | ug/ft² | 135.01 | 0.111 | * * | Wipe | Furnace | CAT 093004 013 | 0500321 | |
| η <u>δ</u> /ft² | 8.4 | ug/ft- | 2.70 | 0.111 | *** | Wipe | Furnace | CAT 093004 012 | 0500320 | |
| ug/ft² | 00 | ug/ f€ | 2.70 | 0.111 | *** | Wipe | Furnace | CAT 093004 011 | 0500319 | |
| ug∕ft² | 7.8 | ug/ft³ | 2.70 | 111.0 | *** | Wipe | Furnace | CAT 093004 010 | 0500318 | |
| ug/ft² | 330 | ug/ft² | 67.51 | 0.111 | *** | Wipe | Furnace | CAT 093004 009 | 0500317 | |
| ug/ft ² | 1800 | ug/il² | 337.53 | 0.111 | *** | Wipe | Furnace | CAT 093004 008 | 0500316 | E |
| ug/ft÷ | 100 | ug/ft÷ | 13.50 | 0.111 | *** | Wipe | Furnace | CAT 093004 007 | 0500315 | BES |
| ug/ft² | 15 | ug/ft² | 2.70 | 0.111 | *** | Wipe | Furnace | CAT 093004 006 | 0500314 | T A |
| ug/ft³ | 14 | ug∕ft² | 2.70 | 0.111 | ** | Wipe | Furnace | CAT 093004 005 | 0500313 | VΑ |
| ug/ft² | 31 | ນ8/ໃນ | 5.40 | 0.111 | *** | Wipe | Furnace | CAT 093004 004 | 0500312 | ILA |
| ug/ft° | 13000 | ug/fi² | 108.01 | 0.111 | * | Wipe | Flame | CAT 093004 003 | 0500311 | BLE |
| ug/ft² | 410 | ug/ft² | 135.01 | 0.111 | ** | Wipe | Furnace | CAT 093004 002 | 0500310 | E C |
| າງໃຕ | 50 | ug/ft² | 5,40 | 0.111 | *** | Wipe | Furnace | CAT 093004 001 | 6050050 | OP |

NVLAP, NIST, or any agency of the Federal Government. duct certification, approval, or endorsement hy All rights reserved. AMA Analytical Services, Inc.

An AIMA (\$363), FVIAF (\$101133), & New York ELLP (\$1092) Accredited Laboratory

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

MA Analytical Services, Inc.

| f | 7 |
|---|---|
| | A Specializari shrimmunanini Laberniory |
| | CERTIFICATE OF ANALYSIS |
| | KSIS |

| nents | Comments | Final Result | Reporting 1 | Arca Wiped (ft²) | Air Volume (L) | Sample Type | Analysis Type | Client Sample Number | AMA Sample Number |
|-------------|--------------|--------------|--|----------------------|-------------------|---------------|------------------------------|--|----------------------|
| Page 2 of 2 | | | Summary of Atomic Absorption Analysis for Lead | Absorption A | of Atomic | Summary | | | |
| | | | | | | | | Non-Res | Attention: |
| | | 10/8/2004 | Date Analyzed: | BPA #W912K6-04-A0002 | BPA #W912 | P.O. Number: | | b | |
| | | Non-Res | Person Submitting: | Q. | Not Provided | Job Number: | dand 21078 | Havre de Grace, Maryland 21078 | |
| | | 10/1/2004 | Date Submitted: | 5 | Catonsville, MD | Job Location: | . Attn: NGB-AVN-\$1, tion | 301-IH Old Bay Lane, Atm: NGB-AYN-St. State Military Reservation | Address: |
| 08-Oct-04 | Report Date: | 130313 | Chain Of Custody: | | Catonsviile | Job Name: | t. | National Guard Bureau | Client: |
| | | | | | | | | | |

should not be considered when interpreting the result. %Pb = percent lead by weight N/A = Not Applicable Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 500/R-93/200(M)-7420; Water: SM-3111B Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted. mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb)

Technical Manager:

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 106 of 5269

An AIMA (88263), NULAR (F.1011), C. New York Litary (F18976), Accordised Calminiary

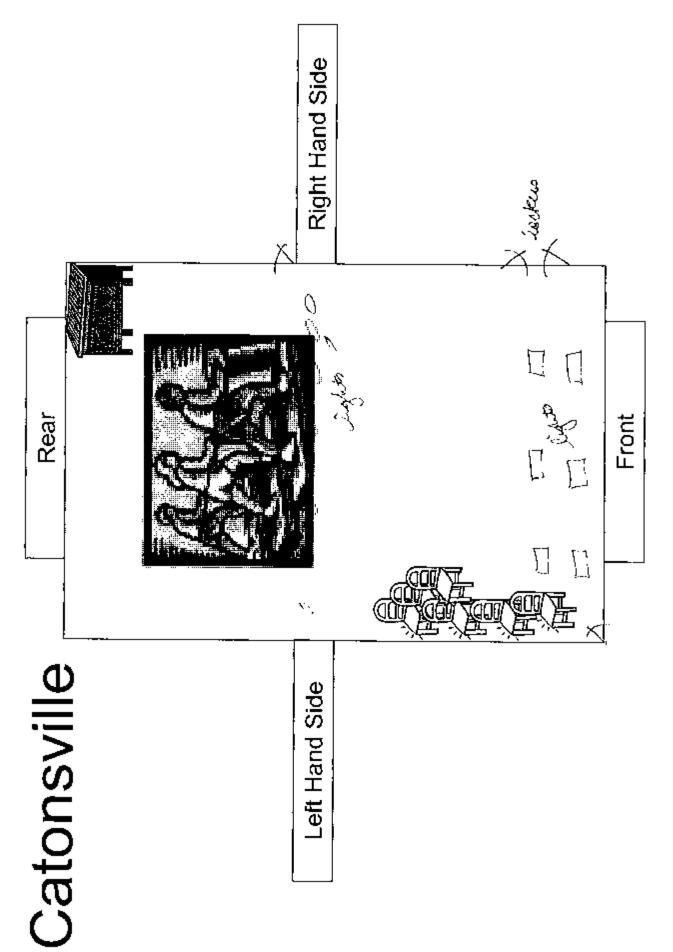
liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to NVLAP, NIST, or any agency of the Federal Government.

guidelines, unless otherwise requested by the client. NVLAP Accreditation and does not imply product certification, approval, or endorsement by

May, 2018

All rights reserved. AMA Analytical Services, Inc.

This report applies only to the sample, brestigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories of the condition provided by the personal of the sample types, locations and collection protector are based upon the information provided by the personal of the sample types, locations and collection protector are based upon the information provided by the personal of these Laboratories, we expressly dischiling then and, unless collected by personal of these Laboratories, we expressly dischiling then and, unless collected by personal of these Laboratories, we expressly dischiling then and, unless collected by personal of these Laboratories, we expressly dischiling then and unless collected by a mutual confidence of this the following them and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the sample types, and the confidence of the confidence of the sample types.



| DILLY CARDIE DATE | | | | | | | | |
|--|-------------------|-------------|----------------------|---------------------------------------|---------------------------------------|---|---------------|--|
| BULK SAMPLE DATA | | | | | | | | |
| For use of this form see USAERA TG 141: the proponent is HSHB-LO. | | | | | | | | |
| Return Address (complete address including Zip Code) National Bureau, 301 III Old BAY LANE, AHN: NGB-AVN-SI | | | | | | | | |
| Stak Mil | Itary Reservati | on Haure De | Grace MD 21078 | | 110111 | Von-Responsive 410-442 - 0273 Ext 18 | | |
| Sample | d Installation | | Project Number ARLOC | | 7273 EXF 18 | | | |
| Catonsville | | | | | ^^- | | | |
| Sample | Collected By | neivo | Date Collected | | Date | Date Shipped | | |
| | -Respo | | 9/30/2004 | | | | | |
| | tion of Operati | | 10 | | Loca | Location (BLDG/AREA) | | |
| Kange | Conver | ted to or | erage/GVM | | Carle | Colonsville | | |
| Associated Complaints (be specific) | | | | | | | | |
| Associated Air Samples If yes, list sample numbers | | | | | | | | |
| Yes No | | | | | | | | |
| Label Information | | | | | | | | |
| Trade Name N | | | 8N I | | Manufacturer | | | |
| Address | | | | | | | | |
| Addiese | • | ** ** | | | MSDS Attached | | | |
| | | | | Yes | | | No | |
| Lead Wipes - Furnace method | | | | | | | | |
| Lab Use Only | Sample No. | Constitu | | Results | | R | emarks | |
| | 093004 | | | | | Floor 1e | ar Uls wall | |
| | 001 CAT 093004 | | | | | 5ft from Lt, 5G from front Floor center of range | | |
| | 002 | | 1 | | | Floor cer | lkr of range | |
| | (AT093004) | | | | · · · · · · · · · · · · · · · · · · · | F1 - 0- | ner of RHS | |
| | 003 | | | | | of Rear | AIG OT ICAS | |
| | CAT093004 | | | | | LHS wa | y basebourd | |
| | 004 CAT093004 | | | | | next to do | 25 | |
| 005 | | | | next to door LHS under baffle feat | | | | |
| Comments to Lab (Continued on other si | | | | | | | n other side) | |
| Lab Use Only | | | | | | | | |
| Analyst (initials) Review | | | | | Date Receive | d D | ate Reported | |
| Procedur | es Performed | Com | Comments: | | | | | |
| COMMENTS: | | | | | | | | |

5180E1

| BUI | ĸ | Q A | MDI | DATA | |
|-----|----|-----|-----|-----------|--|
| | ·N | ЭΜ | MEL | 11414 | |

| ab Use Only | Sample No. | Constituents | Results | Remarks |
|----------------|------------------|--|--|---|
| | CAT093064 | | | <u></u> |
| | 006 | | | LHS wall 5 ff from |
| | C#T093004 | · · · · · · · · · · · · · · · · · · · | | RAS WAY on brick |
| | CATO93004 | · | | to front was near pie |
| | 008 | |] | RHS wall on fan ne |
| | CATOGROOM | | | Plan wall (below for |
| | 009 | | | RHS agli 30 ff from |
| - | CATO 93004 | | | Proceeding 2 of Gran |
| + | 0/0 | | | to front well near pig PHS wall on fan ne PGAT wall (below for RHS wall (below for RHS wall 30 ft from Wall 20 from foor Pean exall, 2 ft from 2 ft from floor |
| J | CAT 693004 | | | Res- wall center |
| | 04T098004 | : | | Regulated Center 744 Stom floor |
| J | 012 | | | - 1 PARC WAR 10 44 C? |
| 1 | CAT09.30246 | · | | RHS 5 1) from (10) Top at pipe along LHS. 4" from front wall |
| | 013 | | | 4' from front wall |
| - 1 | CATORSOON | | | word and they down side toward feel wall, a |
| —— I | CAT 093004 | · | · . | side toward sees wall, c |
| _ { | 0/5 | | | Tep of pipe. who RHS |
| | 015 CAT 09304 | | | 15 + tom Feet Estell, in Stun |
| | 016 AT 093004 | <u>. </u> | | BLANK |
| ļ¢. | D17 | | | |
| | A 1093004 | ` | | BLANK |
| | 018 | | | Inside of unused sin |
| 7 | AT 693004 | | | nither of during & |
| | 019 | | | on School developing & |
| 10 | NT093004 D20 | · · · · · · · · · · · · · · · · · · · | | in locker closet lock |
| — | | | <u> </u> | top on the NGC Stat licke |
| | . 1 |] | | |
| | | | | |
| - | | | | İ |
| | 1 - | | | |
| -+ | | <u></u> | | 1 |
| _ | ļ | í | | <u> </u> |
| | | | | |
| | | <u></u> f | | |
| | | | <u> </u> | |
| | | | | |
| | | T | | |
| | - | | | |
| | | | | |
| 1 | | | | |
| } | - | | | 1 |
| | 1 | | | |
| | | | | |
| L | | , | | |
| - | | | | 1 |

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 109 of 5269

5/4 Gue

| | The second second | |
|------|-------------------|--|
| 4475 | AIHA | |

Analytical Services, Inc.

| CHAIN OF CUSTODY Number For Inquires N | | _ | | ·1···· | , | | | | | B | ES | ΓA | VAI | LA | BLE | | PY | | | ۰ | | r- | н | | نن. | | į j. | A | | 6.5 | <u>.</u> . | H | | |
|--|-----------------|----------------------------------|---------|------------|---|-------|--|---|--|-----------------------|---------------------------|--------|-----------------|----|-------------------------------|-------|---|-----------------|-------------------------------|--|-------|-------------------------------|--|---|---|--|------|------------|------------------|----------------------------|------------|------------------------------|--|-----------------------------------|
| Submittal Information: 1. Job Name:(ATONSA) LLLE 2. Job Location:(ATONSA) LLLE MD 8. 3. Job #: | 1 | LABORATORY STAFF ONLY: (CHSTODY) | | 1 | | 1 1/4 | | 1 | CAT 093004 001 | SAMPLE LOCATION DATE | SAMPLE ANALYSIS INFORMATI | - | m ELAP 198.1 ((| | v 600 - Visual Estimate (OTY) | | (213) | | PC MCE Porosityin a 25mm 37mm | TEM Air = Please Indicate Filter Type: | 00 | PC MCE Pogosityin a 25mm 37mm | Asbestos Analysis PCM Air Please Indicate Filter Type: | □ Yerbals: @ cell # | Date & Time Results Required: 1 / 1 / 1 @ 1 / _ | うんと | | Address 3: | Have de Grace MY | Address 1: 301-114 Old Bay | NATIONAL | Vailing/Billing Information: | (301) 439-2640 • (800) 340-0961 • Fax (301) 439-2643 www.amalab.com | 4475 Forbes Blvd Lanham, MD 20706 |
| Number For It SUILLE MD P.O. # | By (Print): COL | > | ISIV | | | | | | ************************************** | AREA TEM PCM PLM LEAD | TIME WIDE | · pero | - | Ċ. | 00.1(QTY) | (QTY) | | (0) | (Q |) | (VTV) | | D 100 A/Chatfall | A Fax Copy: Cindy Harrison @ fax #301 0 | □ Immd. □ 24hr □ 48hr □ 72hr 🗓 5 Day + [| porting Information (Results will be provided as soo | | 4. | 3. | Job Location: | 5 | Submittal Information: | ir. | |
| | | | | | | | | | | BULK WIPE | WATER | | | | " | | XI Dust Wipe Furnace (wipe type Liberty | Waste Water (O) | C TCLP (QTY) | ☐ Soil/Solid | | Dust Wine (wine type | | 7/32 Bmail Copy: | md. After-Hours," 24hr After-How | technically feasible): | Ι, | ® 1 | P.O. #: | SOITE MD | SVILLE | | . 49 | |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

26 March 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Cheltenham Readiness Center Indoor Firing Range

- 1. An email dated 23 March 2007 from the CFMO stated that the Cheltenham Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



Non-Responsive_{CIV}

From: Non-Responsive CIV NGB

Sent: Friday, March 23, 2007 4:23 PM

To: Non-Responsive

Subject: FW: Cheltenham Readiness Center, 9900 Surrants Road, Cheltenham, MD 20623

Non-Responsive

Can you do your thing again?

Thanks

Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell 443-807-9605 FAX 410-942-0254

NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From Non-Responsive TC (RET) MDARNG

Sent: Friday, March 23, 2007 1:58 PM

To Non-Responsive CIV NGB; Non-Responsive CIV NGB

TC MDARN .TC (Ret) MDARNG; Non-Responsive

Subject: Cheltenham Readiness Center, 9900 Surrants Road, Cheltenham, MD 20623

Non-Responsive

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road Baltimore, MD 21212

410-377-0500

Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

Non-Responsive



Client: Address:

National Guard Bureau

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Cheltenham IFR Cheltenham Clear I

Chain Of Custody:

Date Submitted:

2/20/2007 159356

Job Name:

Havre de Grace, Maryland 21078 State Military Reservation

Attention:

CERTIFICATE OF ANALYSIS







20-Feb-07

Report Date:

2/20/2007

Date Analyzed: Person Submitting:

Page I of 2

| Ţ |
|---------|
| of / |
| Αt |
| om |
| nic . |
| Ąb |
| bsorp |
| pti |
| ption . |
| ₽ |
| Į Į |
| nalysis |
| for] |
| ŗ |
| [ead |
| o_ |

Summa

P.O. Number:

Not Provided

Job Number:

Not Provided

| AMA Sample Number | |
|---|--|
| AMA Sample Client Sample Analysis Type Sample Type Number Number | |
| Analysis Type | |
| Sample Type | |
| Air Volume (L) | |
| Area Wiped (ft²) | |
| a Wiped Reporting Final Re(ft ^e) Limit | |
| Final Result | |
| Comments | |
| | |

| | | | | | | | | 7 | |
|--------------------|-------|----------------------|----------|-------|-----------|------------|-------|----------------|---------|
| | 2 | 12.00 ug < 12 ug NGB | 12.00 ι | Z/A | 3 3 3 | Wipe Blank | Flame | 20070214CHL119 | 0731720 |
| _ | 12 | ōō ^ | 12.00 ι | · | * * * * | Wipe Blank | Flame | 20070214CHL118 | 0731719 |
| e | 120 | 1 <u>9</u> /ft² | 108.01 ι | | * * * | Wipe | Flame | 20070214CHL117 | 0731718 |
| e | 110 | 1 <u>2</u> /ft² < | 108.01 ι | 0.111 | * 중 * * | Wipe | Flame | 20070214CHL116 | 0731717 |
| æ | 011 | (g/ft² < | 108.01 τ | | *** | Wipe | Flame | 20070214CHL115 | 0731716 |
| E | 110 | ig/ft² < | 108.01 t | | * * * | Wipe | Flame | 20070214CHL114 | 0731715 |
| ug/ft² | 110 | lg/π² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL113 | 0731714 |
| ug/ft² | 110 | ug/ft² < | 108.01 u | 0.111 | ****** | Wipe | Flame | 20070214CHL112 | 0731713 |
| ug/ft² | 110 | ug/ft² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL111 | 0731712 |
| ug/ft² | 110 | ນ <u>ຍ</u> /ft² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL110 | 0731711 |
| ug/ft³ | 110 | ug/ft: < | 108.01 u | 0.111 | * * * * * | Wipe | Flame | 20070214CHL109 | 0731710 |
| ug/ft² | 110 | ug/ft² < | 108.01 t | 0.111 | *** | Wipe | Flame | 20070214CHL108 | 0731709 |
| ug/ft² | 110 | ug/ft² < | 108.01 0 | 0.111 | ** ** | Wipe | Flame | 20070214CHL107 | 0731708 |
| ng/ft² | 110 | ug/ft² < | 108.01 u | 0.111 | * * | Wipe | Flame | 20070214CHL106 | 0731707 |
| ug/ ft² | 110 | ug/ft² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL105 | 0731706 |
| ug/ft² | 110 | ug/ft² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL104 | 0731705 |
| ug/ft² | , 110 | ນ <u>ຊ</u> /ft² < | 108.01 u | 0.111 | ** | Wipe | Flame | 20070214CHL103 | 0731704 |
| ug/ft² | 110 | ug/ft² < | 108.01 u | 0.111 | *** | Wipe | Flame | 20070214CHL102 | 0731703 |
| ug/ft² | 120 | ug/ft² | 108.01 ນ | 0.111 | **** | Wipe | Flame | 20070214CHL101 | 0731702 |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation

All rights reserved. AMA Analytical Services, Inc.

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 113 of 5269

NVLAP, NIST, or any agency of the Federal Government

AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Address: Client 301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau P.O. Number: Job Location: Job Name: Job Number: Not Provided Cheitenham IFR Cheltenham Clear J Not Provided Date Submitted: Chain Of Custody: Date Analyzed: Person Submitting: 2/20/2007 2/20/2007 159356 Report Date:

Summary of Atomic Absorption Analysis for Lead

Sample Type Air Volume Area Wiped Reporting Final Result Comments Page 2 of 2

A%Pb = percent lead by weight Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B N/A = Not Applicable mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)ug = micrograms ug/L = parts per billion (ppb)

associated with these samples.

See QC Summary for analytical results of quality control samples

AMA Sample

Client Sample

Analysis Type

Attentions

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

应Air and Wipe results are not corrected for any blank results

Analys

Technical Manager spons

BEST AVAILABLE COPY

Entry to the sample, or samples, investigated and is not necessarily indicative of the quality or condition that it is not to be used, in whole or in part, in any advertising or protection to clients, the public and these Laborraphrise, this proport is submitted and completed on protection are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laborraphrise, and complete persons of the information provided by the persons submitting them and, unless collected by personnel of these Laborraphrise, the public and these Laborraphrises and collected protection to clients, we expressly disclaim any knowledge and liability for the accuracy of the persons submitting them and, unless collected by personnel of these Laborraphrises. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the elient. NYLAP Accreditation

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

All rights reserved. AMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NVLAP, NIST, or any agency of the Federal Government

Requested Record #J-15-0089 (MD) Released by National Guard Bureau Page 114 of 5269

20-Feb-07



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 14398

Analysis Type: Flame Wipe Sample Type: Analysis Date: 2/20/2007

| | Attitiyata | syate: | 712002001 | | |
|-----------------------------------|------------|----------------|---------------------|---------|------------------|
| | Re | sult | Percent Recovery | RPI) | Comment |
| Preparation Blank | -0.023 | ppm | | | Acceptable |
| Report Limit Verification Sample | 0.2911 | ppm | 87.3% | | Acceptable |
| Expected Spike Level (ppm) 0.3133 | | | | | |
| Duplicate Sample 1 | #Num! | ო ც∕ ≹ც | | | |
| Duplicate Sample 2 | #Num! | mg/Kg | | Militar | #1511 © 1 |
| Matrix Spike Analysis | | | | | |
| Spiked Sample | | | 91,96% | | Acceptable |
| Spike Duplicate | | | | | Acceptable |
| Laboratory Control Sample I | 279.970 | μВ | 92.66% | | Acceptable |
| Laboratory Control Sample 2 | 263,354 | μВ | 92.85% | 0.21% | Acceptable |

Calibration Information

Correlation of Calibration Curve:

0.999783

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custo | ody AML | A Sample Number | Client Sample Number |
|----------------|---------|-----------------|----------------------|
| 159356 | | 31702 | 20070214CHU.101 |
| 159356 | | 31703 | 20070214CHI.102 |
| SDG Number: | 14398 | | |

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159356 | 31704 | 20070Z1/JCHL103 |
| 159356 | 31705 | 20070214CHI.104 |
| 159356 | 31706 | 20070214C10.105 |
| 159356 | 31707 | 20070214C10.106 |
| 159356 | 31708 | 20070214CHILE07 |
| 159356 | 31709 | 20070214C1IF.t08 |
| 159356 | 31710 | 200702140311.109 |
| 159356 | 31711 | 200702140010.610 |
| 159356 | 31712 | 200702140340111 |
| 159356 | 31713 | 20070214CH1.112 |
| 159356 | 31714 | 200702140311.113 |
| 159356 | 31715 | 20070214CHE114 |
| 159356 | 31716 | 20070214CHU115 |
| 159356 | 31717 | 20070214030116 |
| 159356 | 31718 | 20070214CHL117 |
| 159356 | 31719 | 20070214CHL118 |
| 159356 | 31720 | 20070214CHL119 |
| | | |

SDG Number: 14398 Page 2 of 2

AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blyd. - Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

159356

| | Initials | ne: | Time | Sign: | | | | Date | | | Yia: | Ву Фто | | ⊘ • | | | | | unalyze orted To | Time / dts Rep | 2. Date 3. Resu | | Date/Time Analyzed: Results Reported To: Comments: |
|---------------|--|--|---|-------------------|---|-----------------------|---|-------------------|--|--|---|---|--|---|---------------------------------------|----------------|----------------------------------|---|---|-------------------------|---|---|--|
| | | Sign | | | | | | | By (Print) | | | 20 | ļ | ® | | |) Kaor | ; (cus | CVD. | STAFI /Time l | TORY 1. Date | BORA | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: |
| | | | | | | W/72 50 2 2 3 1 | 5.77 5.77 7.73 7.73 | 50 | | | | | | | | | (4) (4) (4) | | | | | | |
| | | | | | | | | | | | | | | | \$77 \$73 \$78 | | | | | | | | |
| | ime: Contact: | Date/Time: | | | | | 100 mg/s | | | | | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | |
| | | | 45% 50% | 100 200 200 | | < | | | | | 30 | | 7 | | | < | 127/2 127/2 128/2 | | 3 0,319 | | 7.H.C. | 1120L | 20070214CHC[14 |
| | ime: Contact: | Date/Time: | | 200 200 | | \Leftrightarrow | 90 90 90 90 90 90 90 90 90 90 90 90 90 9 | 20% 15% 350 | | | | | 12.5 | الإنار | | (| | | Blank | \perp | | | 8 |
| | | | 246 250 250 250 250 250 250 250 250 250 250 | 250 250 250 | | | | | | 3/ / 1/ 1/ 1/ | | | | | | | | hillory | Floor | שַׁבְּי | | | 91 |
| | ime: Contact: | Date/Time: | | | | $-\lambda$ | | | | | | | - 24 | , h | 1 1// | 2100 | 75 75 | | 112M | | CH | 702 | 20070214CHC114 |
| 13 | (LABORATORY STAFF ONLY | | TAPE SWAB | SPORE TRAP | MATRUX STERRING STERR | DUSTS | BULK | AIR | LEAD MOLD | PCM ANALYSIS | PCM N | TEM | WIPE | S MA | VOLUME | DATE | NATION | MPLE INFORM MPLE LOCATION DENTIFICATION | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION D. | S. | NT ID | NON | CLIENT ID NUMBER |
| Ť ⊃ | Mold - Direct Microscopic Analysis Spore-Trap (QTY) Surface (QTY) Surface Swab (QTY) Surface Vacuum Dust Surface Tage (QTY) Other (Specify) | Microsco Trap e Swab e Tape | Id - Direct Micros Spore-Trap Surface Swab _ Surface Tape | | noted. | nerwise | (QTY) unless of | lition u | (QTY) od condition of | 00.2 ed in go | ☐ Cual. (pres/abs) | U Qual. (pres/abs). ELAP 198.2/EPA EPA 100.1 All samples recei | D AII | | | (QTY) (QTY) | (QTY) (QTY) (QTY) (QTY) | (XIX) | nate | ual Estin nt | 00 - Vis oint Cou are Frial Reduction (specify. | AVAILABLE COMBUIL AVAILABLE COMPA 60 EPA 60 O Crav. 1 Other | Bulk EpA 600 - Visual Estimate EPA 600 - Visual Estimate EPA Point Count EPA Point Count EPA Point Count EPA Point Count EPA Point Count EPA Point E |
| | ☐ Drinking Water(QTY) ☐ Waste Water(QTY) ☐ Dust Wipe Furnace (wipe type) | ng Water_ Water Vipe Furna | Drinking Water Waste Water Dust Wipe Fun | | | 363 | (QT'S) | | 755-95 | Quan. (glaceaux) Vacuum Distriction Quan. (s/area) Vacuum Distriction Distriction Quan. (s/area)Dust Distriction Distriction Quan. (s/area)Dust Distriction Distriction Quan. (s/area)Dust Distriction | rea) Vac rea)Dus | n. (s/an an. (s/ar an. (s/ar | | Ħ | | (OTO) | _ | 25mm 37m Y) .(QTY) | in á 25mm 37mm _(QTY) (QTY) | | Porosii A 17402_ (specify | C MCE AHER NIOSI | PC MCE Porosity |
| _(2TY) | (QTY) (QTY) (QTY) | Analysis Paint Chip Paint Chip AiDust Wipe (wipe type Air Soil/Solid Corre | Dead Analysis Paint Chip W Dust Wipe Air Soil/Soild. | Ę | | \$ | | (QTY) | (XLD) | M ieid | □ BLIAP 198.4/Chatfield □ BLAP 198.4/Chatfield □ NY State PLM/TEM □ Residual Ash □ Dust | DEGIK DELAP 198.4/ DELAP 198.4/ DELAP 198.4/ DELAP 198.4/ DELAP 198.4/ DELAP 198.4/ | Med Mail Cony Const | | | | 8 | pe: 25mm 37mm (QTY) TY) | er Type: in a 25mm [QT [QT] [QT] | cate Filt | ease Indi Porosii 17400_ lass | Stos An Air - Pk C MCE I NIOSH I Fiberg | PCM Air – Please Indicate Filter Type: PC MCE Porosity in a 25mm C NIOSH 7400 (QTY) C Fiberglass(QTY) TEM Air – Please Indicate Filter Type: |
| pre-scheduled | * □Late-Nighr* (*must be | nr After-Ho il Copy | Ter-Hours | Hom | nd After | | a) + [| x | Jbe provided [72hr5] @ fax # | 4801 | AF (Section 1) | ation () | Reporting Information (Results will be provided in some and the light of the provided in some and the light of the light o | | 2 22 23 23 24 24 25 25 25 | fax # | th resp | leets wi | id data sheet aired:———————————————————————————————————— |)C/field (s Require | Result | 5. Phone #. Delease include Date & Time Delease Time | # 10 clude COC ne Results |
| 03 | phone # 410 942 / | # | P.O. | | | | esponsive | Persor | Job #:Contact Person | | | | 413 | 1 1 | 1 2 | A A | | Grack | , | 5 5 | _1 1 | ddress |); Hai |
| | | | H | Clear | NAM MANA | tenta | Submittal Information: 1. Job Name: Chaltenh 2. Job Location: Chalten | aform; | mittal Inform Job Name: Job Location:, | Subm 1. Jo 2. Jo | | | | *************************************** | | 1411 H1 | Bay | 3 1 | Stand | MGB NGB | ing Inf | ng/Bill lient N ddress | Mailing/Billing Information Client Name: NGB Address 1: 301-14 |
| | | | | | | | | | | | | | | | | | | | | com | amalab. | www. | www.amatao.com |

AMA Analytical Services, Inc.
AJHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

159356

| | | : | | 10 | | 18.85 | , | | _ | 188 | J | 1 636 | | 1,598 | | 12.4 | BEST | AVAILABLE COPY |
|----------|-------------------------|---------------------------------------|---|-----------------|----------|----------|-----|--|----------|------|--------------------|---|---|---|-------|----------------|---|--|
| | | | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: // | 20070214CHC1 13 | SERVE | | | | | | | | | | | 20070214CHC101 | 2 <u>C</u> | |
| 2 | w | 2. L | ATO | F. C. F. | | | | | | | | | | | | E | CLIENT ID | ng/Billing Info lient Name: |
| A Comm | esults | ate/Ti | RX ST ate/Ti | 100 | 6.7 | | 10 | 20 | 89 | 67 | 00 | S | 2 | 23 | 20 | 3171 | ٦٦ | ng/Billing Informative international interna |
| | 3. Results Reported To: | Date/Time Analyzed: | TORY STAFF ONL 1. Date/Time RCVD: | | , | | | | 000 | | 6 | | 1 | 2000 | | | SAI | itient Name: NG Re tient Name: NG Re ddress 1: 301 - ddress 2: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ddress 3: ese include COC/field data ### ### ### #### ################## |
| | ned To | nalyze | A S | H-MV | < | | | | - | | Ī | | · | Floor | Floor | Floor | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION D/ | |
| | | £ | (3) | 100 | | | 223 | | | 1337 | | | 4 | | | | HCAT HCAT | (27)3 (5/2/3 (5/ |
| | | Į | OIS | | | | 5- | | | | | | ò | | | | TON | 37mm 37mm (QTY) |
| | | 1 | 3 | | | | | 9-924 9-93 9-93 9-93 9-93 9-93 9-93 9-93 9-9 | | | | | | | | 2 20 | DATE | Fax results / (QTY) (QTY) (QTY) |
| | | | ì | | | 2 V | | | | | | | | | | õ | 1 . | Fax #_ 10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | | | | | | | | | | | | | | | | VOLUME (LITERS) | 416 Reporti |
| | | (e) | <u>®</u> | | | | | | | | | | | 2000 2000 2000 2000 2000 2000 2000 200 | | T,,,T | | orting III III |
| | | | | | ******** | | | outside. | | | 34053 | | | | | ř. | WIPE AREA | Submittal Information: 1. Job Name: Chalter 2. Job Location: Chalter 3. Job #. 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 4. Contact Person: 6. Submitted by: 6. Submitted by: 6. Submitted by: 6. Submitted by: 6. Garafic Marker 7. John State PLM/TEM (QTY) 7. Residual Ash (QTY) 7. Quan. (s'area) Vacuum/Dust (QTY) 7. Quan. (s'area) Vacuum/Dust D6480-99 (QTY) 7. Qual. (pres/abs) (QTY) 7. Qual. (pres/abs) (QTY) 7. Qual. (pres/abs) (QTY) 7. Qual. (pres/abs) (QTY) 7. Qual. (pres/abs) (QTY) 8. All samples received in good condition unless otherw 9. (TEM Water samplesC) |
| | | Ву | Via: | | | | | | | | | | | | | | TEM | Submittal Information: 1. Job Name: Chaltanian: 2. Job Location: Chaltanian 3. Job # 4. Contact Person 4. Contact Person 4. Contact Person 4. Contact Person 4. Contact Person 4. Contact Person 6. Submitted by: 15. Submitted by: 16. Submitted by: 17.2hr |
| | | By (Print): | | | | | | | | | | 3000 3000 3000 3000 3000 3000 3000 300 | | | | | PCM & | (Quality of the control of the contr |
| | ş. | | | | | | | | | | | | | | | | PCM ANALYSIS | S. 1 2 2 2 3 3 3 3 4 4 8 4 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| | | | | 5 | | | | | | | | | | | | \setminus | LEAD SIS | ubmitt Job I Job I Job I Job I Cont Subr Subr III III III III III III III III III I |
| | | | By (Print): | | | | | | | | | | | | | | MOLD | ob Name: _ ob Location ob # Contact Pen ubmitted be provide(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY) |
| 1 | ₹ | | я | | | | | | | | | | | | | | AIR | form: |
| ĺ | | | | | | | | | | | | | | | | | BULK | mation: Chilt Chilt Chilt Assoon a Day + In Day + In (QIY) (QIY) (QIY) (QIY) (QIY) (QIY) |
| | | | | < | | J | | | | | rikoto n on | | | | | X | DUST | oon as tee (QTY) |
| | | | | | | | | | | | | | | | | | WATER IX | echnic ad Aff |
| | | Sign: | | | | | | | | | | 2000 2000 2000 2000 2000 2000 2000 200 | | | | | SPORE TRAP | ally f |
| | | | | | | | | | | | | | | | | | T_{APE} | Mold COOOD BEAUTY TO |
| ! | 7 | | | | | | | | | | | | | | | | SWAB | leasible): F Q |
| | Time. | | <u>S</u> | | | | | Date | | | | Date | | | | Date | | # # # # # # # # # # # # # # # # # # # |
| | | | Sign:_ | | | | | Date/Time: | | | | Date/Time: | | | | Date/Time: | | vipe ty |
| | | | | | | | | Ω | | | | Ġ. | | | | ß | (LA | LES* [] LES* [] (wipe t (wipe t (QTY) (QTY) |
| | | | | | | | | | | | | | | | | | CLIE | S* []Late-Ni Carry Carry (Wipe type (QTY) |
| | | | | | | | | C | | | | င္ပ | | | | Ö | CLIENT CONTACT (LABORATORY STAFF ONLY) | (QTY) Analysis Analysis QTY) QTY) QTY) Analysis QTY) QTY) QTY) Analysis QTY) QTY) CQTY) |
| 1 | 7 | | | | | | | Contact: | | | | Contact: | | | | Contact: | ONTA | *(*fm |
| Trining. | | | | | | | | | | | | | | | | | FONI | usi be p |
| İ | | | | | | | | 5 | | | | ਬ | | | | ಹ | 3 | 100 (OI 100 |
| | 1. N | | | | | | | Ву: | | | | By: | | | | By: | | Submittal Information: |
| | | | Po Ma | sted y, 2 | to. | JGE | Fd | IAI | l Rea | ding | Ro | om | | | | | BEST | AVAILABLE COPY FOIA Requested Record #J-15-0085 (MD Released by National Guard Burea |
| | | | | ,, _ | _ | | | | | | | | | | | | | Page 118 of 526 |

| | В | BULK SAMPI | LE DATA | | | 7 |
|--|--------------------|--------------------------|------------------|--|---|---------|
| For s | use of this form s | se USAERA TG | 141: the propo | nent is HSHB | -LO. | |
| Return Address (con National Guard Bureau Stak Military Reserva | nplete address | including Zip (| Code) | Non-Re | Sponsive 2 - 0273 Exr 18 | |
| Dampied Installation | | Project Num | | ARLOC | C-0213 EXF 18 | |
| CheHENHAM | HIMOLY | | • | | | |
| Non-Responsive | | Date Collect 22 Sep 2 | | Date Shi | pped | |
| Description of Operat | tion | | | Location | (BLDG/AREA) | 1 |
| Associated Complaint | s (be specific) | | | | | - |
| Associated Air Samp | iaa | | | | | |
| Yes No | 100 | ir yes, list | sample num | bers | | |
| | | Label Inform | ation | | | 4 |
| Trade Name | N | รท | Manu | facturer | | 1 |
| Address | | | MSDS | Attached | | - |
| | W. C. W. C. | | | Yes | Пио | |
| Analysis Desired Lea ab Use Sample Only No. | ad Wipes - | | Method Result | | Remarks | |
| 2111 2000 | | | | Floor | r near RHS next to | - |
| CHLOSZZO | | | | | 0 | 1 |
| 00/ | | ·-· | | line | for list liter | |
| 00 / CAL 097004 | | | | Floor | mar door 194 | 1-50 |
| 00/ | | | | Floor Into | mar door 194 backstop | 1 1 |
| 00/ CAL 092004 60 Z CHL092701 003 | | | | Fleor Into Floor | mar door 19th backstop or center of room | 1 1 |
| 00 / CAL 09200/ 00 Z CHL09220/ CHL09220/ | | | | Hoor into Hoo on Heo | mear door 1st backstop or center of room center line wher near LHS in series | 1 1 |
| 00/ CAL 092004 60 Z CHL0927021 003 | | | | Hear Into Hac on Hear of 5 | mear door 1ft backstop or center of room center line ther near LHS in series heaters top | A Tes |
| 00/ CAL 09204 60 Z CHL092201 CHL092201 | | | | Heor Into Hoc on Heo of 5 Drop | mear door 1st backstop or center of room center line wher near LHS in series heaters top down area | between |
| 00 / CAL 092204 00 3 CH-092204 004 CHL 092804 | | | | Heorinto Hoco on Heo of 5 Drof about | mear door 1ft backstop or center of room center line ther near LHS in series heaters top | 1 1 |
| 00 / CAL 09204 60 Z CHL09204 00 3 CHL092204 009 CHL 092204 005 Comments to Lab | | Lab Use Or | | Heorinto Heorof5 Drof about | mear door 1st backstop or center of room center line wher near LHS in series heaters top down area makeshift bar (LHS) | between |
| 00 / CAL 092204 00 3 CHL092201 009 CHL092201 009 CHL092204 | Reviewed B | | | Heorinto Hoco on Heo of 5 Drof about | mear door 1st backstop or center of room center line wher near LHS in series heaters top down area makeshift bar (LHS) | between |

Released by National Guard Bureau Page 119 of 5269

| | | BULK SAMP | LE DATA | |
|-------------------|------------------|--|---------------------------------------|--|
| ab Use Only | Semple No. | Constituents | Results | |
| | CHL092209 | <u> </u> | - NOBUILB | Remarks |
| | 006 | | | on top of refrictgerator. |
| J | OD 7 | | | RHS wall near rear wall |
| | CHL092204 | | | cement brick 3ft from corn |
| | CHL092204 008 | | J ——— | PHS wall in backstop area |
| Į. | 009 | | - <u></u> | <u> 1547 Aigh</u> |
| | 16092204 | | İ | RAS will under 1st set of |
| 1 | 0/0 | · | | Caged floorescent lights eff |
| ———; | CHL092201 | | <u></u> _ | Lits wall & acoustic titles from door 5ft high |
| | 0// | | | LAS wall because bles |
| . ř | 012 | ·. — — — — — — — — — — — — — — — — — — — | | this wall reacoustic tiles from door Tet from door the from door |
| | 4-09204 | · | | LHS wall on cement |
| ` | 0/3 | | | near Refridgerator, handle |
| 10 | 414098704 | | <u> </u> | 8ft from RHS course 221 |
| | D/4 HL092204 | | | 184 From RHS corner 34 |
| 10 | HL092104 | | | 2ft right of door 7ft |
| | 16092204 | | | Center of backston |
| `` | 0/10 | | | |
| 4 | tro35507 | · | | Blank |
| | 017 | | | , |
| | 018 | | | Bank |
| ~ | 1092204 | ·—· | | Ren 120 (Kitchen) corner onliner directly to 442 right |
| | 019 | | | on floor at entirence to |
| CI | 720 | —·—·— | | to tange, on the Warry est of range, at head |
| -— - | 220 | | | in tange, on they making |
| ļ | ĺ | | | the of Tange, at heel |
| | | | <u> </u> | |
| [| | | · · · · · · · · · · · · · · · · · · · | |
| ł | | | | <u> </u> |
| - - | - | | | |
| } | 1 | | | |
| $\neg + -$ | | | | T = 1 |
| | | T | | |
| i — | | | | <u> </u> |
| | | | | |
| - 1 | [| | | |
| - | | | | 1 |
| | _] | 7 | | |
| Ţ <u></u> - | | - | | <u>[</u> |
| -4 | | ĺ | | |
| ŀ | | | | <u></u> |
| | - | | İ | |
| _ : | | | | |
| | | · | | l l |
| 1 | 1 | | | |

130301

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

AIHA (#8863) NVLAP (#1143) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

AMA Analytical Services, Inc.

BEST AVAILABLE COPY thr [15 Day + [1] Immd_Affer-Hours* [124tr After-Hours* [1] ate-Night* (*must be pre-scheduled) By: By: By: (LABORATORY STAFF ONLY) 6 CLIENT CONTACT Contact: Contact: Contact: @ phone # 30/6 TCLP (QTY)
Drinking Water (QTY)
Waste Water (QTY)
Must Water (QTY) (273) (STX) (QTY) ☐ Dust Wipe (wipe type, Date/Time: Date/Time: Date/Time Sign: Miscellaneous Analysis Signature: Other (specify, ☐ Email Copy: ☐ Air ☐ Soil/Solid_ Paint Chip. .P.O. * Lead Analysis 🗖 Radon Reporting Information (Results will be provided as soon as technically feasible): Δ **∀** MATRIX Job Location: Cheltenham Submittal Information:
1. Job Name: Cheften ham BULK (QTY) (QTY) 6 PLM LEAD OTHER) fax# *30[1* (OTY) (QTY) Contact Perso Submitted by: ..(QTY) By Print: (27.2) Job # ☐ Quan. (s/area) Vacuum D5755-95 (QTX) ANALYSIS D Qual. (pres/abs) Vacuum/Dust ☐ Quan. (s/area)Dust D6480-99. 4 phose report in ☐ ELAP 198.2/EPA 100.2 ☐ ELAP 198.4/Chatfield ☐ NY State PLM/TEM ☐ PCM Qual. (pres/abs). By Print Residual Ash. TEM ☐ EPA 100.1. Fax Copy: TEM Water TEM Bulk WIPE AREA TEM Dust 21078 (8) SAMPLE ANALYSIS INFORMATION VOLUME (0) **LITERS** 19 DE DATE Fax # (STS) (g13) (OTY) LABORATORY STAFF ONLY: (CUSTODY) Mailing/Billing Information:
B. Client Name: Army Na Honal Guard SAMPLE LOCATION úacé Asbestos Analysis

Relation Please Indicate Filter Type:

Percent Air Percent Please Symm 37mm O Fiberglass
TEM Air - Please Indicate Filter Type:

Denneity in a 25mm 37mm @ cell #_ (QTY) (OTS) (OTY) (OTX) Phone #:410 942 0273 Date/Time Analyzed: (CTS) Address 2: Hay Ce de 1. Date/Time RCVD: Grav. Reduction ELAP 198.1 ☐ EPA 600 ~ Visual Estimate. ☐ EPA Point Count. (末し・09220%(18) 100-4-02260 -CHC - 092204-012 300-102290-24C -- 092204-007 PHC-091204-009 2415-092204-015 PC MCE Perosity

AHERA

NIOSH 7402

Other (specify 241-092204-002 646-092209-003 CHL-091204-004 010-602500-010 CH2-092204-001 CHL-092204-008 NY State Friable, PC MCE Porosity. Other (specify, CLIENT ID NUMBER U Verbals: BEST AVAILABLE COPY Released by National Guard Bureau

Initials:

Date:

Vla

3. Results Reported To:

Page 121 of 5269

4. Comments:

130301

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

BEST AVAILABLE COPY Afficiations . [24hr After-Hours | Late-Night" ("must be pre-scheduled) Reporting Information (Results will be provided as soon as technically feasible). ₩: ğ (LABORATORY STAFF ONLY) Initials: CLIENT CONTACT Contact: Contact: Contact (QLX) @ phone # 30/ (QTY) O TCLP (QTY)
O Drinking Water (QT)
O Waste Water (QT)
G Dust Wipe Furnace (wipe type — (OTX) 🗀 Dust Wipe (wipe type Date/Time Date/Time Date/Time Miscellaneous Analysis Signature: ☐ Radon ☐ Other (specify. TEmail Copy O Air Paint Chip PO.# Lead Analysis MATTRIX Job Location: Cheltenham Submittal Information:
1 Ich Name: Cheffenham (QTY) (QTY) OTHER (STS) (STS) (QTY) Contact Person Submitted by: LEAD (OT3) Job Name: (OTX) Job# U Quan. (s/area) Vacuum D5755-95 83 ANALYSIS PLM🗖 Qual. (pres/abs) Vacuum/Dust. ☐ Quan. (s/area)Dust D6480-99. ☐ Qual. (pres/abs)______ ☐ ELAP 198.2/EPA 100.2. ☐ EPA 100.1 ☐ ELAP 198.4/Chatfield ☐ NY State PLM/TEM ☐ Residual Ash ğ REPORT IN TEM TEM Water TEM Bulk TEM Dust PLEASE 0 VOLUME SAMPLE ANALYSIS INFORMATION Fax# (613) (613) (OTY) Mailing/Billing Information:

Mailing/Billing Information:

Machine Maries Information:

Machine Maries Information:

Machine Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Machine CABORATORY STAFF ONLY (CESTODY SAMPLE LOCATION PC MCE Porosity in a 22num competence of the property of Fiberglass Indicate Filter Type:

TEM Air – Please Indicate Filter Type:

TEM Air – Please Indicate Filter Type: 013 (STS) BLANK (OTY) (OTY) Grav. Reduction ELAP 198. PLM Bulk CI EPA 600 – Visual Estimate, 2 ☐ EPA Point Count ☐ NY State Friable -092204-015 PH2-09-02045-04 Other (specify, CLIENT ID NUMBER

BEST AVAILABLE COPY

AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lambarn, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

May, 2018

Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 122 of 5269 NYLAP, NIST, or any agency of the Federal Government.

0469805

0469804

Furnace Furnace

*

33.75

13.50 2.70

7

ug/ft³ ug/ft: ng/ft

ug/ft²

60

2.70

337.53

2.70

0469803

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting Limit

Final Result

Comments

Number

BEST AVAILABLE COPY

0469809

0469808 0469807 0469806

0469813

0469814

CHI.-092204-012 CHL-092204-011

> Furnace Furnace Furnace Furnace Furnace Furnace Furnace Furnace

Wipo Wipe ₩ipe Wipe Wipe Wipe Wipe Wipe

*

* * * *** ž *** *

Wipe

*** *

0.111 0.111 0.111 0.111 0.111 0.111 0.113 0.111 0.111 0.111

2.70 2.70 2.70 2.70 2.70

મુક્યું ug/fr ug/fr ng/it ug/ft² ug/it บรู/นิ ug/ft² ng/ft μg/ft²

4.7 49

ug/ft² ng/ft² ոք/քը ug/ft²

μ

Ξ Ų,

> դայնո ng/ft⁴

Furnace

0469812

CHL-092204-010

CHL-092204-009 CHL-092204-008 CHL-092204-007 CHL-092204-006 CHL-092204-005 CHL-092204-004 CHI.-092204-003 CHL-092204-002 CHI -092204-00

0469811 0469810

Attention:

A Spoulational foreignment of the foreign Inalytical Services, Inc.

CERTIFICATE OF ANALYSIS

Job Location: Job Name: Cheltenham

Cheltenham, MD

Not Provideci

Address

State Military Reservation

Havre de Grace, Maryland 21078

301-JH Old Bay Lanc. Atm: NGB-AVN-SI,

Cliente

National Guard Burcau

P.O. Number:

Not Provided

Job Number:

Date Analyzed: Chain Of Custody:

130301 9/29/2004

Report Date: Person Submitting

| Page |
|---------|
| ge I of |

| Page |
|------|
| 6 |
| • |
| 8 |
| 1.3 |

Summary of Atomic Absorption Analysis for Lead

applies only to polarized light microscopy of balk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

May, 2018

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 123 of 5269

An AlbaA (1996). AVIAN (7 101143), & New York BEAT (51823)) Ascredited Indorprise;

All rights reserved. AMA Analytical Services, Inc.

Analytical Services, Inc. A Specialist Supering and Assessed in

CERTIFICATE OF ANALYSIS

AMA Sample Attention: Address Client: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation National Guard Bureau Havre de Grace, Maryland 21078 Client Sample Zumber Analysis Type Sample Type Summary of Atomic Absorption Analysis for Lead P.O. Number: Job Location: Job Number: Job Name: Air Volume Cheltenham, MD Not Provided Not Provided Cheltenham 3 Arca Wiped Reporting Limit Report Date: Person Submitting: Date Analyzed: Chain Of Custody: Final Result 29-Sep-04 9/29/2004 130301

Comments

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result. %Pb = percent lead by weight mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)ug = micrograms ug/L = parts per billion (ppb)

Analy

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soll/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

Technical Manager:

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 124 of 5269

Page 2 of 2

an Alkla (#60%), AVIAP (6 tollas), S New York (LAY (510826) Acceptited Saboratory

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Acceditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Luboratories,

NVLAP, NIS1; or any agency of the Federal Government.

All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room

May, 2018

Pgs: 3

301-459-2643

Corrected results for COC 130301.

Two minor errors caught during QC procedures. Changes as follows:

Sample 69807 (CHL-092204-005) changes from 74 ug/ft2 to 75 ug/ft2

Sample 69808 (CHL-092204-006) changes from 7 ug/ft2 to 17 ug/ft2

Non-Responsive

14/km

17 11 11 11 11 14.7

ng∕ff³ ug/ft² ug/ff²

0.111 0.111 0.11 0.111

2.70 2.70

Wipe Wipe

Furnace Furmace

CHI.-092204-010

0469812 0469813

0469811

CHL-092204-011

CHL-092204-009

CHL-092204-008

Furnace

Furmace

CHL-092204-006 CHL-092204-007

> 0469809 0469810

0469808

CERTIFICATE OF ANALYSIS

AMA Analytical Services, Inc.

A Specialized Environmental Leboratory

Person Submitting: Chain Of Custody: Date Analyzed: Cheltenham, MD Not Provided Cheltenham Job Location: Job Number: Job Name:

301-IH Old Bay Lane, Aith: NGB-AVN-SI,

Address:

Client:

National Guard Bureau

Havre de Grace, Maryland 21078 State Military Reservation

Attention:

9/29/2004

130301

29-Scp-04

Report Date:

Not Provided

P.O. Number:

Page 1 of 2

Summary of Atomic Absorption Analysis for Lead

| Samole | Client Sample Analysis Tyne | Comple Time | Air Volume | Avea Winad | 1 | | Q (***)2 | | |
|---------------|-----------------------------|---------------|--|------------|--------|---------------------|------------------|----------|---|
| der eiefrance | 2 | ad Cr and man | (c) | (fr) | II | Reporting Limit | A LOSAL NESSILIE | <u>=</u> | Comments |
| | | | 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | | | With the second |
| Furnace | | Wipe | 8 | 0.131 | 2.70 | n8∕N³ | 61 | ug/ft² | |
| Fumace | | Wipe | *** | 0.111 | 337.53 | ug/ft | 1900 | ug/ff? | |
| Furnace | | Wipe | 光光 | 0.111 | 33.75 | 118/ff ² | 92 | ug/ft² | |
| Fumace | | Wipe | * * * * * * * * * * * * * * * * * * * | 0,111 | 33.75 | ug/ff² | 200 | ug/ft² | |
| Fumace | | Wipe | * * * | 0.111 | 13.50 | ug/ff² | 75 | ug/ft² | |

0469814 CIL-092204-014 Furnace Wipe Blank **** NA CIL-092204-017 Furnace Wipe Blank **** NA CIL-092204-017 Furnace Wipe Blank **** NA CIL-092204-017 Furnace Wipe Blank **** NA CIL-092204-017 Furnace Wipe Blank **** NA CIL-092204-017 Furnace Wipe CIL-092204-017 Furnace Wipe CIL-092204-017 Furnace Wipe CIL-092204-017 Furnace Wipe CIL-092204-017 Furnace Wipe CIL-092204-017 Furnace Wipe CIL-092204-018 Furnace Wipe CIL-092204-019 Furnace Wipe CIL-092204-019 Furnace Wipe CIL-092204-019 Furnace CIL-092204-019 Furnace Wipe CIL-092204-019 Furnace CIL-092

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

N □

CERTIFICATE OF ANALYSIS

AMA Analytical Services, Inc.

A Specialized Environmental Laboratury

59-Sep-04 9/29/2004 130301 Chain Of Custody: Person Submitting: Date Analyzed: Report Date: Cheltenham, MI) Not Provided Not Provided Cheltenbam Job Location: P.O. Number: Job Number: Job Name: 301-JH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau

Final Result

Summary of Atomic Absorption Analysis for Lead

Reporting Linus

Page 2 of 2

Area Wiped £ Air Volume 3 Sample Type Analysis Type Client Sample AMA Sample Number

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

ug/L = parts per billion (ppb) Note: All results have two significant digits. Any additional cigits shown should not be ug = micrograms considered when interpreting the result. %Pb = percent lead by weight

Technical Manager:

Analyst

Stom us. Sample types, locations and collection protocols are based upon the information provided by the persons sabmitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and Ulability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation

Posted to NGB FOIA Reading Room May, 2018

Address:

Client:

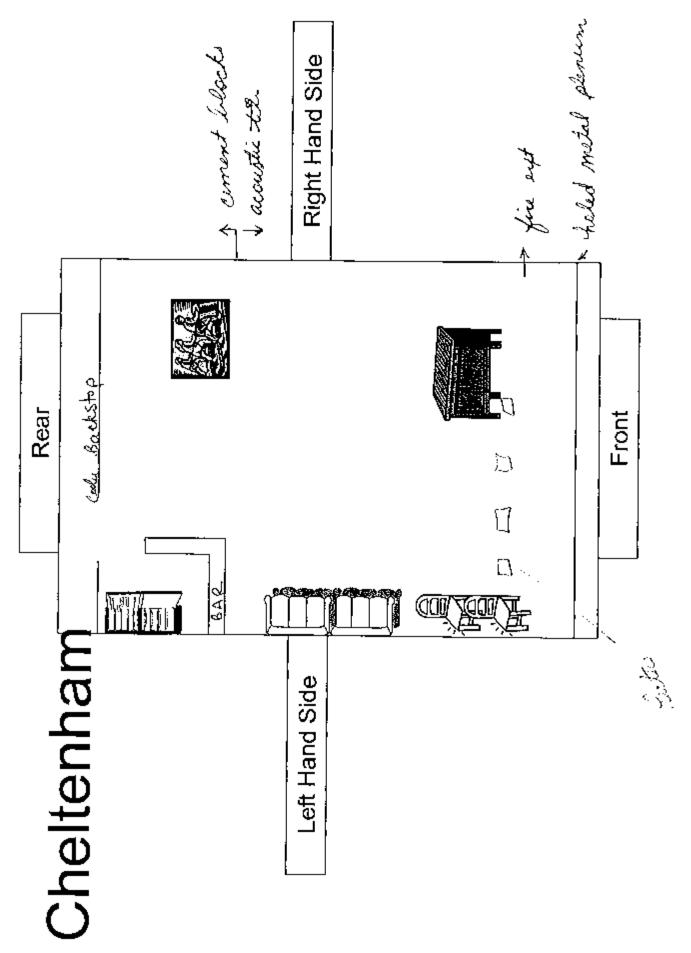
Attention:

BEST AVAILABLE COPY

N/A = Not Applicable

upplies only to polarized light microscopy of bulk samples und transmission electron microscopy of AEERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP NIST or any number of the Federal Government.

All rights reserved, AbIA Analytical Services, Inc. Released by National Guard Bureau Page 127 of 5269



| | | | BULK SAN | APLE D | ATA | | | · |
|-----------------|--|--------------|--|----------|----------------|---------------|--|------------|
| | For u | | see USAERA | | | nt is HSHR | -LO. |) |
| rvaiwnac | Address (com Guard Bureau Litary Reservati | plete addres | s including Z | ip Code) | p _c | on-Re | tact (name/AUTOV | |
| Sample | d Installation | | Project N | | | ARLOC | 2 - 0273 Exr | 78 |
| Non-Re | Sponsive 4/0 gc | ઝ્ફાહા 1 | Date Coll 22 Se | | / | Date Sh | pped | |
| Armo | | | | | | Location | (BLDG/AREA) | |
| | ated Complaints | | :) | | | | | |
| Associa Ye | ated Air Samples X No | es | If yes, | list sam | ole numbe | ırs | | |
| Trade N | iame | | Label Info | ormation | | | | |
| | - 4111 4 | | NSN | | Manufa | cturer | | |
| Address | B | <u> </u> | | | MSDS A | ttached | □No | |
| Analysis | s Desired | d Wipes | - Furna | uce M | e the d | | | |
| Lab Use Only | Sample No. | Consti | | | Results | | Remarks | |
| | 00 / | | | | | | r near RHS next for 1st firer | |
| | 60 Z 60 Z | | ······································ | | | Floor into | man almor 1ft backstop | 1-JB |
| ·· | 003 CHC092201 | | | _ | | ρN | center line | > r.V. |
| | 009 CHL 092801 | · | | | | of 5 | ater near LHS in se Theaters top Down area | between |
| Commen | 005 ts to Lab | | siama diama | | | abo | Makeshift bar (LK) ued on other sid | s) z ligut |
| ····· | | | | | | | | |
| • | 7.50. | | Lab Use | Only | | | | |
| Analyst | (initials) | Reviewed | By (initials) | _ | Date R | peries | Date Report | be |
| Procedur | es Performed | Col | nments; | | I | | | |

BEST AVAILABLE COPY

AEHA ForMa8-29181 Oct 84

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 129 of 5269

| CHLONZEON OCG CHLONZEON CHLONZ | ab Use Only | Sample No. | Constituents | Results | Remarks |
|--|-----------------|-----------------|---------------------------------------|--------------|--|
| CHLOGRAPH | | | <u> </u> | | |
| CHLOGROUP | | | | | His near backton don't |
| CHLOGROUP | | (HLU)2701 | - | | RIS CONTINUE OPERATION |
| PHS wall in backstop and CHLOGROUP CHLOGROU | | 1 HLDG 22 0N | | <u> </u> | cement brick 3ft from corn |
| CHLOGROUP | | 008 | | | RAS wall in backstop area |
| CALOPZOU CALOPZOU CANDO CONTROL Hights 2A LHS wall 8 promise titles from choor 5ft high CHLOPZOU CHS wall 12 reached titles from choor 5ft high CHLOPZOU CHS wall on comment child on comment child of the comment child of the comment child of the comment child of the comment child of the comment child of the comment child of the comment child of the comment child of the comment child of the comment child comment child comment child child of the child of the | | CHLO4 2704 | | | 15 ft // sh |
| CHL 092204 CHL 09 | | | | | could brown to be see |
| CHLOGROUP | | | | | 1/45 wall 8 as on the diles |
| CHLOGROUP | | | | <u> </u> | From choor 5ft high |
| CHLOPPER CHLOPP | | 011 | | , | LHS wall 12 acoustic tiles |
| CHLOPPER CHLOPP |] | CHL 092204 | · · · · · · · · · · · · · · · · · · · | | From slove Tip from flore |
| CHLOGROUP | | 0/2 | <u> </u> | ļ | Line to Colored and the |
| CHLOGROUP | | CELL 0 12704 | <u> </u> | | and traction varide |
| CHLOGRAN O15 Center of backstop CHLOGRAN C | | 0/3 Cu 69204 | | | 5Pt From RHS corner 284 |
| Center of backs top CHL 092204 CHL 09220 | J | 0/4 | | | 1000 rear wall |
| Center of backs top CHL092204 Blank GHL092204 O17 CHL092204 O18 Rn/20(kikken) torner enfine CHL092704 CHL092704 O28 CHL092704 O28 CHL092704 O28 CHL092704 O28 CHL092704 O28 CHL092704 O28 CHL092704 | | CHE 097704 | | | 2ft right of door 7A |
| CHE OPERAL Blank OFF Blank OFF Blank CHE OPERAL OFF CHE OPERAL CHECOPERAL | 0/5 | _ | | (Center of backstop |
| Control O17 Control O18 Resident corner onliner Control Cont |) ' | | | | |
| Control O17 Control O18 Resident corner online Control Contr | | | · | | Blank |
| Ct (Log 2704) Ct (Log 2704) Ca Start of cotonie to | }` | 017 | | | |
| Ctillaggray College of colores to | | <u> </u> | | <u>-</u> | |
| Os How at astrong to | | 018 | | | Rm 120 (kitchen) corner entires |
| CHUOSENY COO CHUOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO CHIOSENY COO COO COO COO COO COO COO CO | - 19 | | | | arrect No the right |
| Dad in Tange, on The making PHS at stange, at head | | 311/ 02/2/ | <u> </u> | | Cange from he llosare |
| RHS AL MARK. at Phed | ľ | 120 | | - | in tange, on "leg" meeting |
| | | | | | PHS of range, at heed |
| | | | | | |
| | ļ | | | · | |
| | | - | | | 1 |
| | - } | <u>'</u> | | | |
| | | | | | _{ |
| | [| | | | |
| | Т | | | | <u> </u> |
| | | ——— <u> </u> | | | |
| | | Į | | <u> </u> | |
| | - | | ———— <u>—</u> | | <u></u> ! |
| | | | 1 | | <u> </u> |
| | | · | | | <u> </u> |
| | | | 1 | | |
| | | | | | |
| | | | | | į f |
| | - 1 | ĺ | | | |
| | ; - | ·— | | | <u> </u> |
| | _ 1 · | i | | - | |
| | | | · | | <u></u> |

Released by National Guard Bureau Page 130 of 5269

RMA Analytical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

13030L

| | _ | | | | | | | | | | | | | | ВЕ | EST | A' | VAII | LAE | BLE | | PΥ | | | | | | | | | | | | | | |
|---|--|---------------|------------------------|------------------|------------------|----------------|------------------|----------------|------------|------------------|--|----------------|--|-----------------|-------------------------|-----------------------------|--|--|--------------------|---------------------------------------|------------------|------------------------------|--------------------------------|-------------------------------|------------------------|--|-------------------------------|-------------------|----------------------|--|---------------------|--|--------------------|--|---|-------------------------------------|
| 2. Date/Time Analyzed: 3. Results Reported To: 4. Comments: | ORA' | CHZ-092204013 | CHC - 092204.012 | CHL - 092204-011 | CH2 - 092204-010 | CHC-092204-009 | CHL - 092707-008 | CHL-092004-007 | 092704-006 | CHC - 092204-005 | CHC - 091704-004 | CHL-092204-003 | CHZ-092204-002 | (112-092204-00) | NUMBER | OT TENT ID | ☐ Other (specify | ☐ Grav. Reduction ELAP 198. | ☐ NY State Friable | EPA 600 - Visual Estimate | PLM_Bulk | NIOSH 7402 | AHERA | PC MCE Porosityin a 25n | TEM Air Plans Indicate | NIOSH 7400 | PC MCE Porosity in a 25u | Asbestos Analysis | U Verbals: | Date & Time Results Required: | 5. Phone #: /// / / | Address 5: | Address 2. | | | `دۇ |
| 2. Date/Time Analyzed 2 | FF ONLY: (CUSTOI | | | | | | | | | | and the second s | | | | SAMPLE LOCATION | SAMPLE ANALYSIS INFORMATION |) | | (STS) | (ALV) | | (QTY) | (ALD) | in a 25mm 37mm | (QTY) | (QTY) | riter Type: in a 25mm 37mm | | @ cell # | quired: //////////////////////////////////// | 3 | 25020 | | 3 | | ation: |
| 28/ | 35 /OX | | | | | | | | | | | | | | DATE | INFORMAT | (QTY) | (XLD) | | (QTY) | (7.17) | O TO | | - 15 ¹ | | | | | | | λ Fax #: | 1 | | | |)_ |
| 0 3 | | * | | | | | / | | | | Thickness | | | 4"×4" | | YOU THE WIDE | | * please | | | D | TEM Water | _ _ _ _ | DE | TEM Dust | □ i Re | | TEM Bulk | ► Fax Copy: | 160 □Immd. | 3. Submitted by: | | - | 01010 | *************************************** | |
| | 5.20 Bello 2.50 | | | | | | | | | | | | | S | TEM PCM | | ** | report | , | □ ELAP 198.2/EPA 100.2 □ EPA 100.1 | Qual. (pres/abs) | | Ouan. (s/arca) Vaccum D5/55-99 | Qual. (pres/abs) Vacuum/Dust. | | Residual Ash | U ELAP 198.4/Chatfield | | on-Res | nd. | nation (Results | The state of the s | | | | |
| 2 S (Final | | | | | | | | | | | 41 | | and the state of t | | PLM LEAD OTHER | ANALYSIS | | 3 | | OPY | (QTY) | | 36480-99- | uum/Dust | | | | | @ 130 | 号 V | will be provided | 4. Contact retson | 3. JOD#. | • | 1. Joo Name: | |
| | 2 | | | | | | | | | | | | | | OTHER AIR | 4 | 40 | | Ka | .(QTY) | | (4, 5) | | (QTY) | | (**) | QTY) | | #201677 TT-01102# | ⊱Day'+ □Imm | d as soon as te | Note | Respon | n: (// // /// | 11611 511 | rmation: |
| Non-Responsive | | | | | | | | | | | | | | | BULK WIPE | MATRIX | | | | 3 | | | | | | | | ŗ | 11.52 | d After-Hou | chnically fe | | | Mail , | 16000 | 3 |
| | | | | | | | | | | | | | | X | E OTHER | | | | Other (specify | Miscellaneous Analysis | | S Dust Wi | ☐ Waste Water | D TCLP_ | ☐ Soil/Solid | □ Air | Paint Ct | ead Analysis | _ 🗆 Email (| rs* □24hr | asible): Si | | - P.O. | | シフ | |
| Responsiv | (| | | | 11001000 | Date/Time: | | | | Date/Time: | | | | Date/Time: | (LABOR | 2 | | | | Analysis (OTY) | | Dust Wipe Furnace (wipe type | ater (O | (QTY) | id(QTY) | (QTY) | ip(QT | , | Сору: | After-Hours* □Lat | gnature: | @ phone # | # | | | Ibmittal Information: (Means 15269 |
| | AUGABARAAA | | 7171100 | | | Contact: | | | | Contact: | | | | Contact: | (LABORATORY STAFF ONLY) | CLIENT CONTACT | The state of the s | A STATE OF THE STA |) (QTY | r r | | (4.4) | OTY S | | 3 | TATA BOTT TO CONTINUE TO CONTI | క | | | e-Night" ("must be | | 10/10/10 | 07775 | | | |
| | The state of the s | | | | | By: | | | | Bv: | | | | By: | | * | E. | | | | | (O) | | | | 1 (217) | OTY. | | | pre-schedule | | 200 | 8 | THE RESERVE THE PROPERTY OF THE | | |
| | Pds May | te¢ /, 2 | l to l 018 | NG | 3 F ¢ | DIA | Rea | din | g R¢ | oom | | | | L | j BE | :ST | A' | VAII | LAE | SL Ē | co | ₽Y | | | | FO | IA F | Requ | uest ease | ed R d by | ecor Nati | di# ona Pa | J-h al G age | 5-00 uaro 131 | 185 But of | (MD) ureau 5269 |

| | | | BULY CAME | D | | | | · · · · · · · · · · · · · · · · · · · |
|-----------------|---------------------------|---------------------------------------|--|---------------------------------------|---------|-------------|-------------|---------------------------------------|
| | - | | BULK SAMP | | | | | |
| | | | m see USAERA TG | | e propo | onent is HS | HB-LO. | |
| Watwonau | Guard Bureau , | 30/11/ 000 | ess including Zip BAY LANE, AHN; NG | B. Aug | J-SE | | ontact (| name/AUTOVON) |
| State Mil | lary Reservati | on , Havre | De Grace Mb 2 | 21078 | | | | 0273 EXT 18 |
| Sample | Installation | | Project Nu | | | ARLO | | 02,02,10 |
| Ches | erton Arm Collected By | 00- | -28 BI | 3 | | | | |
| I . | | | Date Collec | | | Date | Shipped | 1 |
| | ar Shelf. & | | 28 Sep | 04 | | | | |
| Descrip | tion of Operati | on | | | | Locat | ion (B | LDG/AREA) |
| Associa | ted Complaints | the speci | £1_) | | | Chast | Noun, | MD |
| | | (oc speci | 1167 | | | | | |
| Associa | ted Air Sample | 9 9 | If yes, lis | t samı | ole nun | nhere | | |
| Y• | в 🔀 Но | | | | | | | |
| | | | Label Infor | mation | | | | |
| Trade N | ame | | NSN | | Mant | ifacturer | | |
| Address | | | | | MSD | S Attache | d | |
| , | | | | | | Yes | | No |
| Analysis | Desired Lea | d Wip. | es - Furnac | e m | etho | d | | |
| Lab Use Only | Sample No. | | tituents | | Resul | | | Remarks |
| | Che-092804- | | | | | | | our firing |
| · | | | · | | | | General | conter left |
| | 200 | | | | | | | |
| <u>.</u> . | 603 | | | | | | | ear bullet |
| <u> </u> | - 23, | · · · · · · · · · · · · · · · · · · · | | <u> </u> | | | wil O | near door |
| | 004 | | · · · · · · · · · · · · · · · · · · · | | | | , (E | rear uso- |
| | 005 | | | | | | wall, | (Counter |
| Comment | s to Lab | | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | on other side) |
| | | | | | | | | |
| Analyst | initeta (a) | n . | Lab Use C | Only | | | | |
| Analyst | initiais) | Reviewe | d By (initials) | | Date | Receive | d 1 | Date Reported |
| Procedur | es Performed | С | omments: | | | | | |
| | Posted to NGR FOIA F | Reading Room | BEST AVA | ILABLE C | OPY | FOIA Re | equested Re | ecord #J-15-0085 (MD) |

| Doly | Sample No. | Constituents | Results | Remarks |
|----------|---------------|--------------|--|---|
| | 006 | | | wall, (1) recording on supply plenous au top of Locker wall, (2) Center |
| — —i | 007 | | | Supply Plenum, an |
| | 008 | | | top of Locker |
| | 005 | | | well @ contr |
| | 010 | | | 2 land |
| | 0// | | | Blank Build tray wall Side |
| | 012 | · | | " Cente |
| | CN3 | | | · " D |
| | 014 | | | & wan near s |
| | 015 | | | Q wall near sy axil above loc |
| | OKO | | | Top of Hacile |
| | 617 | | | Top of looker o |
| | 019 | | | Read wall (5) |
| | 019 | | | Recar well OD o |
| | 020 | | | Blank |
| | 120 | | <u> </u> | foosbell texte |
| | 022 | | | |
| _ | 623 | | | TV Shelf |
| _ | ozy | | | Floor by door @ h |
| _ | D25" | | | miller Sign |
| | 626 | | <u> </u> | Blank |
| | | | | w jeen re |
| | | | | |
| | | | | |
| | | | · | |
| <u> </u> | | | ······································ | |

Attentions

nalytical Services, Inc.

CERTIFICATE OF ANALYSIS

A Specialized Environmental Laboratory National Guard Bureau

Address 301-IH Old Bay Lane, Atm: NGB-AVN-St. Havre de Grace, Maryland 21078 State Military Reservation

Job Location: Job Name: Chestertown, Mi) Chestertown Armory

Not Provided

P.O. Number Job Number:

Not Provided

Date Submitted: Chain Of Castody:

Date Analyzed: Person Submitting:

10/8/2004

130333

Report Date:

19-00-04

19/19/2004

Page I of 2

Comments

Summary of Atomic Absorption Analysis for Lead

Sample Type Air Volume Area Wiped Reporting Limit Final Result

| _ | _ | 457 | 456 | 455 | \$3 | 452 | 451 | \$ | 1 | \simeq | Š | 중 | 0503445 | 8 | 89 | 50 | 5 | 8 | 8 |
|----------------|---------------------------------------|----------------|-----------------|---------------|---------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|--------------------|---------------|
| Chc-092804-021 | C | _ | | | | | | | \$ | 0501448 | 1447 | 1446 | 1445 | 444 | 1443 | 0501442 | 0501441 | 0501440 | 0501439 |
| 894-021 | ĸ | Che-092804-011 | Chc-092804-01 | Cho-092804-01 | Cho-092804-01 | Che-092 | Cho-092804-013 | Cau-092804-012 | Cinc-092804-011 | Chr-092804-010 | Che-092 | Clte-092 | Che-092 | Cho-092 | Clbe-092 | Cho-092 | Cho-092 | Che-092 | Chc-092804-00 |
| | Che-092804-020 | 804-019 | 204-018 | 804-017 | 804-015 | Che-092804-014 | 201-013 | 804-012 | 110+08 | 804-010 | Che-092804-009 | Che-092804-008 | Che-092804-007 | Che-092804-006 | Che-092804-005 | Cho-092804-004 | Cho-092804-003 | Che-092804-002 | 804-001 |
| Funtage | Funnace | Furnace | Furnace | Furnace | Furnace | funace | Formace | Scaling | Furnace | Furnace | Fumace | Funnace | Funnace | Furnace | Furnace | Funnace | Funnace | Fumace | Famac |
| | | | | , | | | | | | | | | | | | | | | |
| * 1 | ¥; be | Wipe | ₩ _{pc} | W.Oc | Wipe pe | ₩īpe | Wipe | Wipe | Wipe | ₩ijoc | ₩ipc | Wipe | ₩́pc | W.Dc | Wape | Wipe | Wipe | ¥iņe | ₩īpe |
| | | | | | | | | | | | | | | | | | | | |
| * | **** | *** | **** | # | ## | **** | *** | **** | *** | **** | *** | *** | # | *** | 8 2016 | *** | **** | **** | ** |
| 11.0 | 21 | 2 | ೭ | . 21 | 1.0 | 0.111 | 0.1 | 2 | 29 | 2 | LO | 2 | 1.0 | 29 | 1.0 | 0.1 | 5.0 | 2 | 2 |
| | Ξ | = | 11 | = | = | 11 | 11 | Ü | | H | 11 | 11 | 11 | 11 | 11 | 11 | Ξ | 11 | ш |
| 675 | 8 | 270 | 2.70 | 135.01 | 2.70 | 2.70 | 2.76 | 2.70 | 2.70 | 270 | 2.70 | 67.51 | 5.40 | 2.70 | 2,70 | 2.70 | 337.53 | 337.53 | 337.53 |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ing figure | स्त्र <u>ी</u> | ug/ft² | ug/ff2 | aB∕∰ | ug⁄M² | Alfen | all for | ng/fa | TO THE | | #8/8m | -13/gm | ug/fi ² | Alf/Bn | All/Sn | ug/ff ² | Hg/gr |
| į | | | | | | | | | | | | | | | | | | | |
| \$ i | | | | | | | | | | | | | | | | | - | - | - |
| 5 • | Ħ | 종 | 튠 | 8 | æ | Æ | ď, | ∰@u | ag/ga | ng/ft? | ug/£ | ag/gu | ag/fit | E CONTRACT | ug∕M; | ag gar | all gar | T ST | 1 8 |

BEST AVAILABLE COPY

AMA Sample Name of

Client Sample

Analysis Type

3

The property of the sample, or samples, investigated and is not necessarily indicative of the quality or condition of appearantly identical or similar products. As a neutral protection to clears, the public and these Laboratories, or sample to state and some of the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, is any advertising or publicity matter without prior written authorization of the condition that it is not to be used, in whole or in part, is any advertising or publicity matter without prior written authorization of these types, locations and collection protocols are based upon the information previded by the persons salmitting them and, unless collected by personnel of these Laboratories, we expressly disclaims and the condition of the protocols are based upon the client. NVLAP Acceptation accordance with the appropriate regulately publicines, unless otherwise requested by the client. NVLAP Acceptation are not the suppropriate regulately publication and formal sources of the acceptance of the suppropriate regulately publication. NVLAP, NIST, or any agency of the Federal Governmen rapides only to polarized light microscopy of bulk camples and transmission electron microscopy of AHRRA air samples. This report must not be used to chim, and does not imply product certification, approval, or endozonemit by All rights reserved. AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

2004

3:50PM

NGB FOIA Reading Room

Мау,

. . .

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD)
Released by National Co. Released by National Guard Bureau Page 134 of 5269

Attention

Р.

A Specialized Environmental Laboratory

Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address State Military Reservation 301 JH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Burcau Havre de Grace, Maryland 21078

Job Locations Job Number: Job Name: Not Provided

P.O. Number:

Not Provided

Cliestertown, MID Chestertown Annony

Person Submitting Date Submitted:

Chain Of Custody:

130333

15004

Date Analyzed:

10/8/2004 Report Date:

10/19/2004

Summary of Atomic Absorption Analysis for Lead

Sample Type

Page 2 of 2

| Number | Cecut Sample Number | Analysis Type | эжирис Турс | Aur Voltane (L) | Area Wiped (ff) | Reporting Linet | Final Resoft | saft | Comments |
|--------------------|---|--|---|---|--|--------------------|--------------|----------------------------|----------|
| 0501460 | Chs-092804-022 | Furnace | Wipc | **** | 0,311 | 2.70 mg/ff | 14 | -12/2m | |
| 0501461 | Cho-092804-023 | Furnace | Wipe | *** | 0.111 | | 6,6 | | |
| 0501462 | Che-092804-024 | Furnace | | | | | | | |
| 0501463 | Chc-097804-025 | Formace | Wipe | *** | 0.111 | | ' | ng/fit: | |
| 0501464 | Cbc-092804-026 | Figure | Wipe Wipe | * * | 0.111 0.111 | | 5.3 | ngfit: | |
| tysis Method t | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SH-3111B | V marriage A | Wipe Wipe | * * * | 0.111 0.111 0.111 | | 5.3 3.6 | raying raying raying | |
| lysis Method? | | Paints, and Soil/So | Wipe Wipe Wipe ids: EPA 600/R-93/ | ***** **** 200(M)-7420; Wate | 0.111 0.111 0.111 7.111 8.1111 8.1111 8.1111 | | 53 36 | ngffe ngffe | |
| ENG - MA Andimonia | $_{0}$ Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 800/R-93/200/ $_{0}$ R-7421; Water, SM-3113B | wints, and Soil/So s, Paints, and Soil/ | Wipe Wipe Wipe ids: EPA 600/8-93/1 Solids: EPA 600/8-93/1 | ***** **** 200(M)-7420; Wate 93/200(M)-7421; V | 0.111 0.111 0.111 0.111 r. S.M-3111B Mater. S.M-3113B | | 5.3 3.6 | ளத்து. கூழ்த் மத்து | |

Note: All samples were received in good condition unless otherwise noted Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result. ug = micrograms ug/L = parts per billion (ppb)

%Pb = percent lead by weight

Azzalyst:

feelufeal Manager:

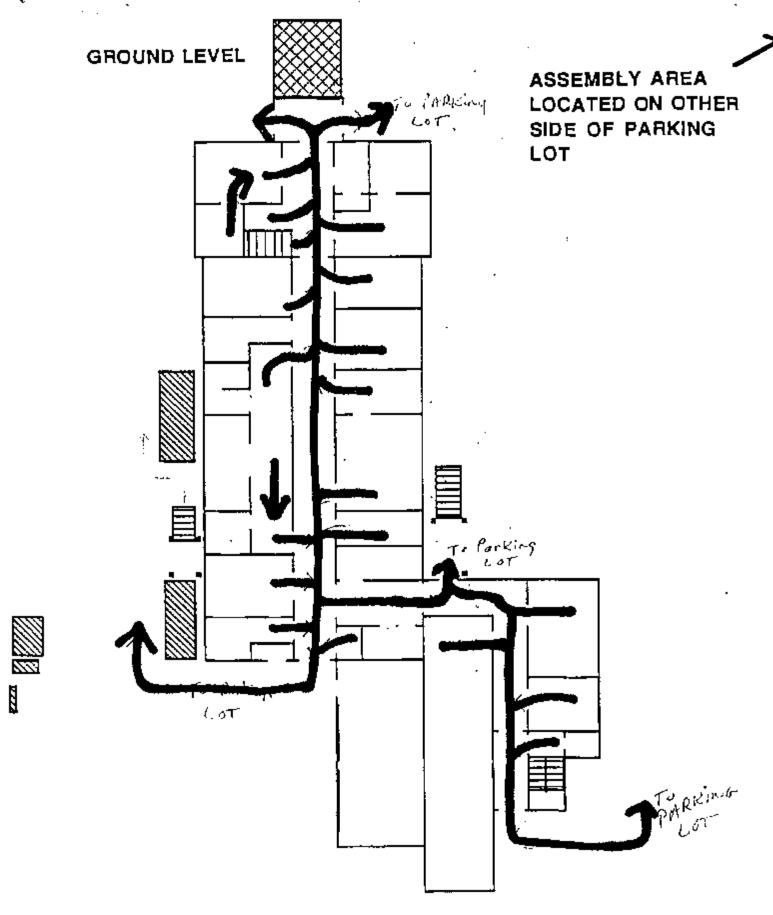
Ausy for the increasing and improvement of falls samples and improvement in the report must not be used to claim, and does not imply product coefficients, approved or entered by NYT As NIST or same agree of the Releval Communication. An AlHA (#8863), NVLAP (# 101143), & New York E.A.P (#10920) Accredited Laboratory

m us. Sample types, because and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly discision any knowledge and hitty for the accountry and completeness of this information. Residual sample material will be discissed in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NYLAP Accordination s report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization. The report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of appearently identical or similar products. As a mutual protection to effects, the public and three Laboratories, 0 NGB FOIA Reading Room

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 135 of 5269

CHESTERTOWN ARMORY BESEAULDING EVACUATION PLAN



Chestertown

| (a) Floor (center left) (4) |
|---|
| (8) Floor (center left) (4) |
| (3) Fran near bullet trup (5) |
| 1 Wall () wear bot door () |
| D wall @ wear bt door (2) |
| (B) wall (L) near b+ (8) |
| 1 sighty pleasure away from choor & top of locker 34 (0) \$ (1) |
| (top of locker 34 (6) \$ (1) |
| 1 war 1 center (12) |
| @ Blank |
| @ 5+. WAU (L) SHY (3) |
| B Wall- near supply plenum (6) |
| (3) A KISUS STILL (B) |
| @ (B) Wall near supply plenum (16) |
| (5) and apole lead toxer |
| (18) Le a con way conter (18) |
| Go To lear und & nour door (5) |
| Top of heaten Co |
| @ P Top of wall leaker #4 new @ wan (ED |
| 5 Blank. |
| 1 feosland tealler (22) |
| (5) (7) (1) (2) |
| 23 Bulweiser Sign (24) |
| (1) Yloar by door + high tables. |
| Bulweiser Sign (2) Floor by door + high tables. We'll beneath Miller Sign - We Hen't |
| Es Clant |

- Abortehant done 3-4 yrs ago - Used as lacker /stowage room

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Crisfield Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the two Crisfield Armory Indoor Firing Range conversion/construction projects have been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Lead surface clearance samples were collected by an individual from Waste-Tron of Maryland, Inc. and analyzed by Caliber Analytical Service. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



AMA Anolytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Requested Record #J-15-008 MD)
Released by National Guard Bureau
Page 140 of 5269

Address: Client State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Havre de Grace, Maryland 21078 Job Location: Job Name: Job Number: Cumberland Armory Not Provided Cumberland Clear 11 Date Submitted: Chain Of Custody:

P.O. Number:

Not Provided

Person Submitting: 7/12/2006

7/12/2006

Date Analyzed:

Report Date:

12-Jul-06

Requested Record #J-15-

Page I of I

Summary of Atomic Absorption Analysis for Lead

Sample Type Air Volume Area Wiped Reporting Final Result Comments

AMA Sample Number

Client Sample

Analysis Type

Number

Attention:

| 4 | amples. | associated with these samples. | associat | Water: SM-3113B | 3/200(M)-7421; | Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B | s, Paints, and Soil | or Furnace: Air, Wipe | Analysis Method Fo |
|----------------|---------|--|----------|-----------------|---|---|---------------------|------------------------|--------------------|
| \overline{S} | nalvt. | QC Summary for analytical results of quality control samples | See QC | er SM-3111B |)0(M)-7420; Wat | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420: Water, SM-3111B | aints, and Soil/So | r Flame: Air, Wipes, F | nalysis Method fo |
| | ۸ | ug gu | 12.00 | N/A | *** | Wipe Blank | Flame | CUM-29 | 0,665958 |
| | ٨ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | CUM-28 | 06Ģ5957 |
| | ۸ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | CUM-27 | 0665956 |
| | ۸ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | CUM-26 | 0665955 |
| | ٨ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | CUM-25 | 0665954 |
| | ٨ | ug/ft² | 108.01 | 0.111 | **** | Wipe | Flame | CUM-24 | 0665953 |
| | | ug/ft² | 108.01 | 0.111 | * * * * | Wipe | Flame | CUM-23 | 0665952 |
| | ۸ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | CUM-22 | 0665951 |
| | ٨ | ug/ ft ² | 108,01 | 0.111 | ** | Wipe | Flame | CUM-21 | 0665950 |
| | ٨ | ug∕ft² | 108.01 | 0.111 | *************************************** | Wipe | Flame | CUM-20 | 0665949 |
| • | | | | | | | | | - |

BEST AVAILABLE COPY

BEST AVAILABLE COPY

Note: All results have two significant digits. Any additional digits shown

Note: All samples were received in good condition unless otherwise noted

ug = micrograms

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

%Pb = percent lead by weight

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

on-R ponsi

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 13210

Analysis Type:

Flame

Sample Type:

Wipe

Analysia Date:

7/12/2006

| | Řć | esuli | Percent Recovery | RPD | Commont |
|-----------------------------------|---------|--------|---------------------|--------|------------|
| Preparation Blank | 0,036 | ььщ | | | Acceptable |
| Report Limit Verification Sample | 0,339 | ppas | 101.7% | | Acceptable |
| Expected Spike Lavel (ppm) 0.3333 | | | | | |
| Duplicate Sample 1 | #Nami | mg/Kg | • | | |
| Duplicate Sample 2 | #Nunt | ing/Kg | | #Error | #Error |
| Matrix Spike Analysis | | | | | |
| Spiked Sample | | | 83.60% | | Acceptable |
| Spike Duplicate | | | • | | Acceptable |
| Laboratory Control Sample (| 257.219 | μg | 89.01% | | Acceptable |
| Laboratory Control Scenole 2 | 255.615 | | 90.24% | 1.38% | Acceptable |

255,615

Calibration Information

Correlation of Celibration Curve:

Laboratory Control Sample 2

0.99951

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number

150760

65949

CUMI-20

150760

65950

CUM-21

SDG Number:

Page L of 2

13210

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150760 | 65951 | CUM-22 |
| 150760 | 65952 | CUp4-23 |
| 150760 | 68983 | CUM-24 |
| 150760 | 65954 | CUM-25 |
| 130760 | 65955 | CUM-26 |
| 150760 | 6595G | CDM-27 |
| 150760 | 65957 | CDM-28 |
| 150760 | 6595% | CDM-29 |
| 150759 | 65959 | GB-20 |
| 150759 | 65960 | GB-21 |
| FS0759 | 65961 | GB-22 |
| 150759 | 65962 | GB-23 |
| 150759 | 65963 | G8-24 |
| 150759 | 65964 | GB-25 |
| 450759 | 65965 | GB-26 |
| 150759 | 65966 | GH-27 |
| 150759 | 65967 | GB-28 |
| 150759 | 65968 | GB-29 |
| | | |

SDG Number: 13210 Page 2 of 2

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INCOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| Return Address | | Surface Wipe Sample Sheet Point of Contact (name & phone #) | | | |
|-----------------|-------------------------------------|---|--|--|--|
| | | | Samples Colli | ected By | |
| Sampled Facili | ty | City | State | Location (bidg/area) | |
| Description of | Operation | | Date Collected | Date Shipped | |
| Analysis Desire | ad | 7'- | <u>!</u> | | |
| Sampling Data | <u>_</u> _ | <u> </u> | | | |
| Lab Use Only | Sample # | Result | 8 | Remarks | |
| | Cum - 20 | · | | West TRAP POST VOA | |
| | | | | FUNDE 10 ALABOW BUC | |
| - | <u> Cum - 21</u> | _ - | - By 5, DY OF | suggestions at Pit | |
| | <u>Celuc-20</u> | <u> </u> | 1 / X 30° | 1 | |
| | Cur - 22 | | 10mers | ० व व्यवस्थित कार्या | |
| | Cum-26 | | Maje H | THE STORAGE WAS THE WA | |
| | Cun - 25 | , | | | |
| | | - | 1803t40 hr | STEPTCAR IN STORAGE | |
| | <u>Cum-al</u> | | _ Raw | . | |
| | Cun- 27 | } | 一层的食 | 10017 00 PCUAN 20 | |
| | Cun 28 | } | Brise Bris | E to enternice of | |
| _ _ | Cum-20 | 1 Dlane | الرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام المرام | | |
| | | i | | | |
| | · - · · · · · · · · · · · · · · · · | | | | |
| | | | | | |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Cumberland Readiness Center Indoor Firing Range

- 1. An email dated 17 January 2007 from the CFMO stated that the Cumberland Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive t (410) 942-0273 x23.



NGB Regional Industrial Hygienist



From Non-Responsive A CIV NGB

Sent: Tuesday, January 23, 2007 9:12 AM

To Non-Responsive CIV

Subject: FW: Cumberland Readiness Center, 1100 Brown Street, Cumberland, MD 21502-3499

Here is an email saying Cumberland is done. Can you produce our letter certifying this?

Thanks,

Industrial Hygiene Technician

NGB Region North IH Office 301-IH Old Bay Lane Havre de Grace, MD 21078

Phone: 410-942-0273 x25 Cell: 410-808-1611 Fax: 410-942-0254

NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the Freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From Non-Responsive TC (RET) MDARNG

Sent: Wednesday, 17 January, 2007 17:11
To Non-Responsive A CIV NGB; Non-Res

CPT (RET) M SPC MDARNG; SFC MDARNG

Subject: Cumberland Readiness Center, 1100 Brown Street, Cumberland, MD 21502-3499

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road

Baltimore, MD 21212

410-377-0500

on-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards. V/r

You got asbestos floor tile in a hallway, locker room on the drill hall level and a rear room (approx 20x20) removed while we did the range.

t

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industria | l Hygiene S | urface Wipe Sa | ımple Sheet |
|----------------|------------------|-------------|---|--|
| Return Addres | ARNG 1010 Bay | LANC | Point of Contac Non-Respon | 1 (pame & phone #) Sive 410-941-0273 |
| | de GRAC | | Non-Respo | |
| Sampled Facil | | AR MORY | State | Location (bldg/area) |
| Description of | Operation | | Date Collected | Date Shipped |
| Analysis Desir | ed D | RANGE 1 | 14 Jun 01 | 0 14 Jun 06 |
| Sampling Data | | | *** | |
| Lab Use Only | Sample # | Results | Louvers | Remarks ON Storage RCO- |
| | Cum-14 | | CINDIOCK UNDERN | ENTH TIGHT JWITCH |
| | Cum-15 | | DAL CLAS | Hotius the light switch |
| | Cum-17 | | CONTAIN | INOUT ABOUT SHITH |
| | Cun-18 | | ON flow | STAIRS, leading to E touble Doors 2 IN FRONT OF DOORS LEADING OUTSIDE |
| | Cum-19 | BlANK | | |
| | Cem20 | Blank | | |
| | | | | |
| | | | | |
| | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Comments to L | ab: | J | | |

| _ |
|--------------|
| _ |
| |
| 67- 3 |
| |
| _ |
| _ |

210 REV \$ 05

ڙ ا

ÿ

| | COM-18 | AMA Anolyt AMA (#100478) AMA (|
|----------------------------|--|--|
| | 13 13 13 18 20 81625 7 | allytical Services, 270) NVILAP (4.001434) 270) NVILAP (4.001434) 300 (4.001434) 301 (4.001434) 302 (4.001434) 303 (4.001434) 303 (4.001434) 304 (4.001434) 305 (4.001434) |
| 4 | 1- | |
| | | |
| | | CHAIN OF CUS Submitted Inform I have Narre I have Narre I have Contact Person CASS II. A scheming Inventor of the provided of the provide |
| | | USTOI Mermadion: Silve |
| | | To the state of th |
| Du <u>cc</u> Time. | I hate (Time) | leave Refer In I |
| Coglact; | Contact | ANDERSON AND AND AND AND AND AND AND AND AND AN |
| B) | 37 |) |
| Posted to NGB May, 2018 | FOIA Reading Room | BEST AVAILABLE COPY FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 148 of 5269 |

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| ARNG OID BAY | LANG | | Point of Contact Non-Responsiv | | ne & phone #) |
|-----------------|--|---|--|--|--|
| DID BAY | LANP | | Non-Responsiv | | , |
| OID DWA | | | rton rtospenert | " / | 8F20-24P-014 |
| | | | Samples Collecte | ed B | |
| le Grace | OLC AM , | 78 | Non-Resp | on | sive |
| 7 | City | | State | | cation (bidg/area) |
| +ND | ARMORY | | L M | | IFR |
| peration | A. | Dat | te Collected | - | Date Shipped |
| FiRING | Bunde | 14 | 1 JUN 06 | | 14 July 06 |
| đ | | | | | |
| | | | | | |
| Sample # | Results | 8 | | | Remarks |
| C | | | RT SIDE, ON | £1 | COR Dullet JRAD |
| Cum-1 | | | minne of C | IOO | Add toll & La a |
| Cum 2 | | | 5 ft toon | B | ACK WAI |
| | | | L+ 5120,00 | 142 | OOR BELIND DIN 18+ |
| Cum 3 | | | TRAP At | ON | oolf no then as pas |
| Cum-4 | | | bolles to | 75 | e buller tant was |
| Cum-5 | | | SECTION? | ₩ 5 | bullet trap, widdle |
| | | | LT WALL | A+C | overkead lights |
| | | | RT SIDE O | 4 | Floor, 15 Stin |
| | | | min and | 40A | FEE DAILER LEADINGS |
| Cum-8 | | | Starts | | |
| Cum-9 | | | OSIDE O | 5t 5 | from mall hoor mysencat |
| Cun-1(| 5 | | >40RA98 | 00A ME | 17008 |
| | | | 340RA90 | 6 | Sladim - Apolf max |
| Cum-12 | | | | | of enternot to |
| | Sample # Cum-1 Cum-2 Cum-5 Cum-6 Cum-6 Cum-7 Cum-7 Cum-7 Cum-7 Cum-7 Cum-7 Cum-7 Cum-7 | Sample # Result Cum-1 Cum-3 Cum-5 Cum-6 Cum-7 Cum-7 Cum-9 Cum-9 Cum-10 Cum-11 | Sample # Results Cum-1 Cum-3 Cum-5 Cum-6 Cum-7 Cum-7 Cum-9 Cum-9 Cum-10 Cum-11 | Sample # Results Cum-1 Cum-3 Cum-4 Cum-5 Cum-6 Cum-7 Cum-7 Cum-8 Cum-7 Cum-8 Cum-9 Cum-9 Cum-9 Cum-9 Cum-1 Cum-9 Cum-1 Cum-9 Cum-1 Cum-1 Cum-9 Cum-1 Cum-1 Cum-1 Cum-1 Cum-1 Cum-1 Cum-8 Cum-1 | Peration Peration Firing Range Cum-I Cum-I Cum-S Cum |

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Address: Client Attention: Havre de Grace, Maryland 21078 State Military Reservation 301-JH Old Bay Lane, Attn: NGB-AVN-St, National Guard Bureau Job Location: P.O. Number: lob Name: Jah Number: Cumberland, Maryland Nut Provided Not Provided Person Submitting: Date Submitted: Chain Of Custody: 6415/2006 150753

>

| Summary of Atomic Absorption Analysis for Lead | | |
|--|--|--|
| is for Lead | | |
| | | |
| | | |
| Puge 1 of 2 | | |
| | | |

| | Not Provided | |
|------|----------------------------------|-----|
| | | |
| t | Date Analyzed: | |
| | 6/15/2006 | No |
| | 6/15/2006 Repart Date: 15-Jus-06 | |
| | 15-Jun-06 | |
| Requ | uested | l F |

| 0657840 | | AMA Sample Number |
|--------------|---|-------------------------|
| CUM-1 | | Client Sample Number |
| Flame | | Analysis Type |
| Wipe | | Sample Type |
| : | | Air Volume (L) |
| 0.111 | | Area Wiped (ff4) |
| 108.01 மூர்? | : | Reporting |
| < 110 ug/t² | : | Final Result |
| | | Comments |
| | | |

| 0657858 | 0657857 | 0657856 | 0657855 | 0657854 | 0657853 | 0657852 | 0657851 | 0657850 | 0657849 | 0657848 | 0657847 | 0657846 | 0557845 | 0657844 | 0657843 | 0657842 | 0657841 | 0657840 |
|------------|--|---|--|---|---|---|--|--|--|---|---|--|---|---|---|--|---|--|
| CUM-19 | CUM-18 | CUM-17 | CUM-16 | CUM-15 | CUM-14 | CUM-13 | CUM-12 | CUM-11 | CUM-10 | CUM-9 | CUM-8 | CUM-7 | COM-6 | CUM-5 | CUM- | GUM-3 | COM-2 | CUM-1 |
| Flame | Hame | Flame | Flame | Flame | Flane | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame |
| Wipe Blank | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wilpe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe |
| **** | ** | **** | * | ** | : | *** | **** | * | 4004 | : | ** | ÷ ÷ ÷ ; | ** | **** | *** | *** | 4 | ì |
| N/A | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 111.0 | 111.0 | 0.111 | 0.111 | 0.111 | 0.111 | 0.11.1 | 0.111 | 0.111 | 0.111 | 0.111 | 6111 | 11170 |
| 12.00 | 108.01 | 108.01 | 108,01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 10.801 | 108.01 | 108.01 | 108.01 | 108.01 | 198.01 | 108.01 |
| 땶 | ug/0- | ug/ft: | ug/ft? | ս <u>ք</u> ./ਜ² | ug/ft² | TEACH. | ug/ft² | 98/H2 | 0 <u>4</u> /ft: | ug/ft ² | 13/E1 | սք/Ռ≥ | ag/ft² | 15°(45) | υ <u>ς</u> /((² | ug/tt² | ಚಿತ್ರ'೧ೆ | ng/m |
| ٨ | | | ۸ | ٨ | ٨ | | ۸ | ٨ | Α | ۸ | ٨ | ٨ | Α | | | ٨ | ٨ | ۸ |
| 12 | 200 | 130 | 110 | 011 | 110 | 19000 | 011 | 011 | 011 | 011 | 011 | 011 | 110 | 250 | 170 | 110 | 110 | 011 |
| | ug/ft² | ug/ft² | ug/ft² | ug/ft² | už/ft² | ug/ft² | ug/ft² | υ <u>g</u> /Ω² | ಗ್ರುಭಾ | ug/tt ^a | າສູ່ໃຕ້ | ug/₹³ | ug/ft [/] | ug/ft² | ug/ft² | ug/ft² | ug/ft* | ug/1\ ² |
| | CUM-19 Flame Wipe Blank **** N/A 12.00 ug < 12 | CUM-18 Flame Wipe **** 0.111 108.01 ug/fi² 260 CUM-19 Flame Wipe Blank **** N/A 12.00 ug < 12 | CUM-17 Flame Wipe **** 0.111 108.01 ug/ft? 130 CUM-18 Flame Wipe **** 0.111 108.01 ug/ft? 200 CUM-19 Flame Wipe Blank **** N/A 12.00 ug < 12 | CUM-16 Flame Wipe **** 0.111 108.01 ug/ft? < 110 CUM-17 Flame Wipe **** 0.111 108.01 ug/ft? 130 CUM-18 Flame Wipe **** 0.111 108.01 ug/ft? 260 CUM-19 Flame Wipe Blank **** N/A 12.00 ug < 12 | CUM-15 Flame Wipe *** 0.111 108.01 ug/ft? < 110 CUM-16 Flame Wipe *** 0.111 108.01 ug/ft? < 110 CUM-17 Flame Wipe *** 0.111 108.01 ug/ft? < 110 CUM-18 Flame Wipe *** 0.111 108.01 ug/ft? 130 CUM-19 Flame Wipe *** 0.111 108.01 ug/ft? 260 | CUM-14 Flame Wipe **** 0.111 108.01 ug/ft² < 110 CUM-15 Flame Wipe **** 0.111 108.01 ug/ft² < 110 | CUM-13 Flame Wipe *** 0.11 108.01 ug/ft² < 110 CUM-14 Flame Wipe *** 0.111 108.01 ug/ft² < 110 CUM-15 Flame Wipe *** 0.111 108.01 ug/ft² < 110 CUM-16 Flame Wipe *** 0.111 108.01 ug/ft² < 110 CUM-17 Flame Wipe *** 0.111 108.01 ug/ft² < 110 CUM-18 Flame Wipe *** 0.111 108.01 ug/ft² < 120 CUM-19 Flame Wipe *** 0.111 108.01 ug/ft² < 120 | CUM-12 Flame Wipe **** 0.111 108.01 ug/ft? < 110 CUM-13 Flame Wipe **** 0.111 108.01 ug/ft? 19000 CUM-14 Flame Wipe **** 0.111 108.01 ug/ft? < 110 | CUM-11 Flame Wipe **** 0.111 108.01 ug/lt² < 110 CUM-12 Flame Wipe **** 0.111 108.01 ug/lt² 110 CUM-13 Flame Wipe **** 0.111 108.01 ug/lt² 1900 CUM-14 Flame Wipe **** 0.111 108.01 ug/lt² 110 CUM-15 Flame Wipe **** 0.111 108.01 ug/lt² 110 CUM-16 Flame Wipe **** 0.111 108.01 ug/lt² 110 CUM-17 Flame Wipe **** 0.111 108.01 ug/lt² 110 CUM-18 Flame Wipe **** 0.111 108.01 ug/lt² 130 CUM-19 Flame Wipe **** 0.111 108.01 ug/lt² 130 CUM-19 Flame | CUM-10 Flame Wipc **** 0.11 108.01 vg/ft² < 110 CUM-11 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-12 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-13 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-14 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-15 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-16 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-17 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-18 Flame Wipc **** 0.111 108.01 vg/ft² < 110 CUM-19 Flame Wipc **** 0.111 108.01 vg/ft² < 110 < | CUM-9 Flame Wipe ***** 0.11 108.01 ug/ft² < 110 CUM-10 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | CUM-8 Flame Wipe **** 0,11 108.01 ug/ft 110 CUM-9 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-10 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-11 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-12 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-13 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-13 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-15 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-16 Flame Wipe **** 0,111 108.01 ug/ft 110 CUM-19 Flame Wipe <td>CUM-7 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-8 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-9 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-10 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-11 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-12 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-13 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-15 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-16 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-17 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 <tr< td=""><td>COM-6 Flame Wipe **** 0.11 108.01 ug/R² < 110 COM-7 Flame Wipe **** 0.11 108.01 ug/R² < 110</td> CUM-8 Flame Wipe **** 0.11 108.01 ug/R² < 110</tr<></td> CUM-9 Flame Wipe **** 0.11 108.01 ug/R² < 110 | CUM-7 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-8 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-9 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-10 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-11 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-12 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-13 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-15 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-16 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 CUM-17 Flame Wypc **** 0.111 108.01 ug/ft2 < 110 <tr< td=""><td>COM-6 Flame Wipe **** 0.11 108.01 ug/R² < 110 COM-7 Flame Wipe **** 0.11 108.01 ug/R² < 110</td> CUM-8 Flame Wipe **** 0.11 108.01 ug/R² < 110</tr<> | COM-6 Flame Wipe **** 0.11 108.01 ug/R² < 110 COM-7 Flame Wipe **** 0.11 108.01 ug/R² < 110 | CUM-5 Flame Wipe **** 0.11 108.01 ug/ft 250 CUM-6 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-7 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-8 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-9 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-10 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-11 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-12 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-13 Flame Wipe **** 0.111 108.01 ug/ft 110 CUM-15 Flame Wipe **** <td>CUM-4 Flame Wipe **** 0.11 108.01 ug/ft² 170 CUM-5 Flame Wipe **** 0.11 108.01 ug/ft² 250 CUM-6 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-7 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-8 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-9 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-10 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-12 Flame Wipe **** 0.111 108.01 ug/ft² 4 110 CUM-13 Flame Wipe **** 0.111 108.01 ug/ft² 4 110 CUM-14 Flame Wipe ****</td> <td>CUM-3 Flane Wipe *** 0.111 188.01 ug/ft 110 CUM-4 Flame Wipe *** 0.111 188.01 ug/ft 170 CUM-5 Flame Wipe *** 0.111 188.01 ug/ft 170 CUM-6 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-7 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-8 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-9 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-10 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-12 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-13 Flame Wipe <th< td=""><td>CUM-2 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-3 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-4 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-5 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-6 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-9 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-10 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-12 Flame Wipe ***</td></th<></td> | CUM-4 Flame Wipe **** 0.11 108.01 ug/ft² 170 CUM-5 Flame Wipe **** 0.11 108.01 ug/ft² 250 CUM-6 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-7 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-8 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-9 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-10 Flame Wipe **** 0.11 108.01 ug/ft² 4 110 CUM-12 Flame Wipe **** 0.111 108.01 ug/ft² 4 110 CUM-13 Flame Wipe **** 0.111 108.01 ug/ft² 4 110 CUM-14 Flame Wipe **** | CUM-3 Flane Wipe *** 0.111 188.01 ug/ft 110 CUM-4 Flame Wipe *** 0.111 188.01 ug/ft 170 CUM-5 Flame Wipe *** 0.111 188.01 ug/ft 170 CUM-6 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-7 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-8 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-9 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-10 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-12 Flame Wipe *** 0.111 188.01 ug/ft 110 CUM-13 Flame Wipe <th< td=""><td>CUM-2 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-3 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-4 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-5 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-6 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-9 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-10 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-12 Flame Wipe ***</td></th<> | CUM-2 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-3 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-4 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-5 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-6 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-8 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-9 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-10 Flame Wipe *** 0.11 198.01 ug/ft 110 CUM-12 Flame Wipe *** |

NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

Requested Record #J-15-0085 (PD)
Released by National Guard Bureau
Page 150 of 5269 FOIA

All rights reserved. AMA Analytical Services, Inc.

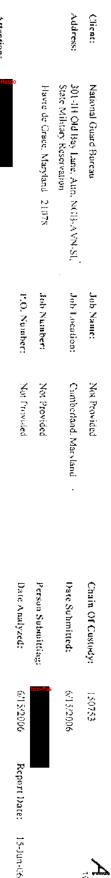
AMA Sample -Number

Client Sample

and arounical services, Inc.

CERTIFICATE OF ANALYSIS





Summary of Atomic Absorption Analysis for Lead

Air Volume Area Wiped Reporting Final Result (omments Page 2 of 2

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water SM-3111B Analysis Type Sample Type associated with these samples See GC Summary for analytical results of quality control samples

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight N/A ≈ Not Applicable mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)ug = micrograms ug/L = parts per billion (ppb)

Air and Wipe results are not corrected for any blank results

Analys

Technical Manager:

Responsi

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to dients, the public and these Laboratorias from us. Sample types, locations and collection printices are based upon the information provided by the persons submitting throat and completeness of this information. Residual sample material will be discreted in a secondard with the authorization of these Laboratories, we expressly dischain any knowledge and the sample material will be discreted in a secondard with the authorization of these Laboratories, we expressly dischain any knowledge and the sample material will be discreted in t applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA sir samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation

4475 Forbes Blvd. • Lanham, MD 20796 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AlHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NVLAP, NIST, or any agency of the Federal Government.

All rights reserved, AMA Analytical Services, Inc.

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 Released by National Guard Bureau Page 151 of 5269

| 3. Results Reported To: 4. Comments: | Date/Time Analyzed: | LABORATORY STAFF ONLY 1. Date/Time RCVD: | E1- was | CU202-12 | CUM-11 | CO.M - 10 | CoB - 9 | ١٠٠٠ ٩ - ١ | Com -1 | Cumb | Com-S | Sum-4 | Cum-3 | Con-2 | (CO) | NUMBER | | ☐ Gray, Reduction ELAP 198.1 ☐ Other (specify | NY State Friable | Lt EPA 600 - Visual Estimate [] EPA Point Count | PLM_Bulk | U NIOSH 7402 | □ AHERA | TEM Air - Please Indicate filter Type: | L Piberglass | PC MCE Porosityin a 25n | Asbestos Analysis PCM Air = Please Indicate I | D Verbals: | Date & Time Results Required: | Diploses include COOK | + Address 3: | Address 2: | Address 1:_ | ا. Client Name: المربايات إهراء | www.amalab.com | 4475 Forbes Blvd (301) 459-2640 • (| AIHA (#100470) |
|--------------------------------------|---------------------------------------|---|---------|----------|--------|---------------------|---------|------------|--------|---------------------|-------|---|-------------|---------------------|---|--|--------------------|---|------------------|--|------------------------------|---------------------------------|--------------------------------|--|------------------------|-------------------------|---|---|--|-----------------------|--------------|--|--------------|--------------------------------------|----------------|--|---|
| ported To: | 1. | LABORATORY STAFF ONLY: (CUSTODY) | 4 | | | | | | | | | | | | 6/14 | DENTIFICATION DATE | SAMPLE INFORMATION | -1 | | finute(QTY) | (Y; Q) | 3 | (OTY) | liter Type: | (QTY) (QTY) | in a 25mm 37mm | Citizen Tayana | @ cell # | Date & Time Results Required:/ | 3.4 | 7.2 | (M) | OKY BUY VIVA | at Grant | | 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | MMH HNOJUTICAI SETVICES, INC. AIHA (#100470) NVLAP (#10)143-0) NY ELAP (10920) |
| Via: | 8 B | でるだが、石が町 | • | | | | | | | | | | | | | CUTERS) AREA / M / SCA | N.V. | TEM Water samples | | □ ELAP 198.2/EPA 100.2 □ EPA 100.1 | □ Qual. (pres/abs) | Li Quan. (s/area)Dust D6480-99. | Quan. (s/area) Vacuum D5755-95 | LEMILORS Constable Vacuum/Dust | ☐ Residual Ash | ☐ SEAP 198.4/Charheld | TEMBUL | D Fa | Ton Short | B - 1 - 1 - 6 - 7 | 15-840-000 | 21.018 | | Buran | | |) |
| 1; O Date: 6 / | Non-Re | | < < | | | | | | | | | | | | | PLAI LEAD MOLD AIR BULK | vere | TEM Water samples | 1810 | ĝ | (QTY) | | Cuum D5755-95 (QTY) | | (QTY) | | | @ fax # | Supering information (Results will be provided as soon as technically feasible): 1045 — □ Immd. (24br □ 48br □ 72br □ 5 Day + □ limmd. After Hours* □ 74br After Hours* | 5. Submitted by: | | | | Submittal Information: 1. Job Name: | | HAIN OF CUSTOI | |
| 15 / O rime: | Si | | | | | Dale | , | | | 1115/77 | | | | Can | | HARDA RIVARIANTI RIVAR | | c noted. Surface Tape | _ | Mold - Direct Microscopic Analysis | □ Dust Wipe F | טפ | _ | ☐ Soil/Sulid | □ Air Wipe (wipe type, | C Paint Chip | Lead Analysis | | echnically feasible); nd. After-Hours* [**] 245r Afte | Signature: | | 1000 July 1000 J | これてか でんぐった。 | | | Y | |
| on-Res | spon | sive . | | | | Date/Lime: Contact: | | | | Date/11me: Contact: | | | | Date inte: Contact: | 100000000000000000000000000000000000000 | CLIENT CONTACT | | (QTY) Other (Specify | l ô | oscopie Analysis | Dust Wipe Furnace (wipe type | (0) | (QTY) | (OTV) | | CATO | J | A. Carones Elementation (1) | r-House * [] From Nichas (*) | ure: | @ phone # | | | | | Number For Inquires) | |
| | | Poste May, | ed to | NO | GB F | By: | | eadi | ng | By: | | ALL DESCRIPTION AND ADDRESS OF THE PARTY OF | T AND LOCAL | By: | | ACT BES | | T COURT | | | 0.410 | ΟPY | | | (QTY | ט | A R | Elements Sur Country of best Reported) in | este | d Re | ecor | d #. | J-15 | -0089 | 5 (N | ID) | 150753 |

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 152 of 5269

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

AMA Analytical Services, Inc. A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

| | | | nolucie for Y and | Summary of Atomic Absorption Analysis for Taxas | Summary o | File | |
|-----------|----------------------------------|-----------|--------------------|---|---------------|--------------------------------|------------|
| 12-301-06 | 7/12/2006 Report Date: 12-Jul-06 | 7/12/2006 | Date Analyzed: | Not Provided | P.O. Number: | n-respo | Attention: |
| | _ | n-Re | Person Submitting: | Not Provided | Job Number: | Havre de Grace, Maryland 21078 | |
| - | | 7/12/2006 | Date Submitted: | Cumberland Armory | Job Location: | State Military Reservation | Acidi Casa |
| ڋ. | | 150760 | Chain Of Custody: | Cumberfand Clear 1 | Job Name: | National Guard Bureau | Client: |
| | | | | | | | |

"To a facility Appel public Adalysis for Lead

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft²) | Reporting Limit | * | Final Result | sult Comments |
|---|-------------------------|---|----------------------|---|------------------|--------------------------------|----------|--------------|--|
| 0245040 | | <u>!</u> | | : : | | | | | |
| 0665949 | CUM-20 | Flame | Wipe | * | 0.111 | | 1 | ; | |
| 0665950 | CIM-21 | | | | | 108.01 ug/ft* | ٨ | 110 | ug/It= |
| | | i Saulto | wipe | 1 | 0.111 | 108.01 ug/ft² | ٨ | === | mp/ft² |
| 0665951 | CUM-22 | Flame | Wipe | *** | 6113 | | , | ; ; | e e |
| 0665952 | CUMDS | | | | | 108.01 ug/11- | ٨ | 10 | ug/ft² |
| 0666067 | | | w the | 1 | 0.1.1 | 108.01 ug/ft= | | \$ | ug/ft ² |
| 0000000 | COM-24 | Flame | Wipe | *** | 0.111 | | | | 6 |
| 0665954 | CUM-25 | Tight. | William | | | | ٨ | 011 | ug/tt- |
| 0666066 | | | wipe | | 9.111 | 108.01 ug/ft ² | ٨ | 01 | ug/ft² |
| | CON1=70 | riame | Wipe | *** | 0.111 | 108.01 ue/fr² | ٨ | 6 | 11a/ 9 2 |
| 0665956 | CUM-27 | Flame | Wipe | **** | 0 111 | | | ; ; | |
| 0665957 | %C-M1D | Ffamo | | | | 10.601 TO.601 | ٨ | 100 | ng/ft² |
| 000000 | | 1 Marie | adr.w | , | 0.111 | 108.01 ug/ft | ٨ | 110 | ug/ft² |
| 0000000 | COM-59 | Flame | Wipe Blank | *** | N/A | | | ; | Ċ |
| Analysis Method for | Flame: Air, Wipes, F | Analysis Method for Flame: Air, Wipes, Paints, and Soli/Solids: FDA sono composition with the solid solids and solids and solids and solids are solids. | de: EDA ROOM OSO | 00/AA 7400. 14/4. | | 3n 00031 | ^ | 7.1 | 69 |
| inslueie Mathod Co. | Francisco Allesta | | 20 Et 2 000011-90/20 | octivity 420; water | : SM-3111B | See QC Summary for | analytic | il result | See QC Summary for analytical results of quality control samples |
| ments of turned. On, withes, Fairts, and Solids: EPA 600/R-93/200(M)-7421; Water SM-3113B | Totales on, super | s, raints, and soll/s | olids: EPA 600/R-9 | 33/200(M)-7421; W | /ater: SM-3113B | associated with these samples. | samoles | • | |
| 200 | | | | | | | | | |

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All sesults have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results.

Air and Wipe results are not corrected for any blank results

Are supplies only to the samples, investigated and is not necessarily indicative of the quality or condition that it is not to be used, in whole or in part, in any advertising or publicly matter without prior written authorizations provided by the persons submitted and accepted for the exclusive use of the client to whom it is addressed and upon the conditions and coolected by personnel of these Laboratories, we expressly discibit may knowledge find applies only to polarized light microscopy of bulk samples and transmission dectron microscopy of AHERA air samples. This report must not be used to claim, and does not inply producted conditions and consideration and consideration of the client of the discarded in accordance with the appropriate regulatory purises, unless otherwise requested by the client (NVLAP Accreditation NVLAP. NIST, or any streety of the Federal Covermanner).

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.

BEST AVAILABLE COPY

Page I of I FOIA Requested Record #J-15-008 MP Released by National Control of 15000 Page 153 of 5269

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2649 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NGB-AVS-SQ

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| Return Addres | 91 | | Form or Com | act (name & phone #) | |
|----------------|-------------|------------------|--|--|-----------------|
| | | | Samples Coll | ected By | |
| Sampled Fecil | ity | City | State | Location (bidg/area) | \neg |
| Description of | Operation | | Date Collected | Date Shipped | |
| Analysia Desir | ed | | | | |
| Sampling Data | | | | ····· | |
| Lab Use Only | Sample # | Results | - | Remarks | |
| | Cum - 20 | 3 | Bering 1 | They traf to the | A Sack |
| | Cum-21 | | 64 7 8 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | Charge out floor who | OWO |
| | (al 22 | , | mibble) | the good and the | 1 |
| | Cun-23 | | Lowers | ON STORAGE CIES | <u> </u> |
| | Cum-24 | - - | Platet | FIN STORAGE ROOF | |
| | Cym-25 | ·- | क्र इंट्रब | LOW BOARDE FOOL | 7× 1 |
| - | Chm-26 | | - 120 M | Checker in atom | 19 6 |
| · | Cun 27 | · | 17 810 V | or Revise on Flo | ON |
| | Cun > 28 | ··· | 12 44 21 V | or Renje on fto | \dashv |
| | Cum 29 | | RANIGE | an Case | |
| | 7. com 35 1 | Blance | . . | -· · · · · · · · · · · · · · · · · · · | |
| | | | | | - 1 |
| | | | | | |

May, 2018



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY E

(Please Refer To This

| LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: 7/12/Qe @ O30 Via: Fed & By (Print): 2. Date/Time Analyzed: / @ By (Print): Via: In- | 24 27 28 24 | CUM - 20 Floor CUM - 21 Floor CUM - 22 Floor CUM - 23 Door CUM - 24 SHELF CUM - 25 SHELF | AIHA (#1004/0) NVLAP/F101/4-7-0) N FEAF (1054/2) A475 Forbes Blyd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com Mailing/Billing Information: |
|---|-------------------------------|---|---|
| @ By (Print): Date: 3/13 | | X 4, 4 | Submittal Information: 1. Job Name: Cumberland 2. Job Location: Cumberland 3. Joh #: 4. Contact Person: 4. Contact Person: 4. Contact Person: 5. Submitted by: 6. Fax Copy: 6. Fax # 6. Fax # TEM Bulk 1. ELAP 198.4/Chatfield (QTY) 1. Residual Ash (QTY) 1. Quan. (s/area) Vacuum/Dust (QTY) 1. Quan. (s/area) Dust D6480-99 (QTY) 1. Quan. (s/area) Dust D6480-99 (QTY) 1. ELAP 198.2/EPA 100.2 (QTY) 2. ANALYSIS 2. ANALYSIS 3. Joh #: 4. Contact Person: 6. Fax # 1. ANALYSIS 2. ANALYSIS 3. Joh #: 4. Contact Person: 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 6. ANALYSIS 7. ANALYSIS 7. ANALYSIS 8. ANALYSIS 8. ANALYSIS 8. ANALYSIS 9. ANALYSIS |
| Sign: Sign: Policy Initial policy Sign: Policy | Date/Time: Contact: By: and A | Date/Time: Contact: By: Date/Time: Contact: By: | Rumber For Inquires) At Mary P.O. # |

RMA finalytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes B)vd. • Lunham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| 4. Comments: | 3. Results Reported To: | 2. Date/Time Analyzed: | 1. Date/Time RCVD: | LABORATORY STAFF ONLY: (CUSTODY) | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | | C:3-1 | EC 2110 | (1.30 | 1.5.7A | C 33 - T | () | (Lym <u>-</u> 5 | 5 J. | (cm-3 1 | 6000 to | (500.5) | CLIENT ID SAMPLE INFORMATION SAMPLE LOCATION DATE INFORMA | I Grav. Reduction ELAP 198.1 | (600 – Visual Estimate (Point Count | Î | ☐ AHERA(QTY) ☐ NJOSH 7402(QTY) | LeytAir – Pease todicate Futer Lype: PC MCE Perosstyin a 25mm, 37mm | ☐ Fiberglass(QTY) | PC MCE Porosityin a 25nm 27mmin (0.77) | Asbestos Analysis PCM Au - Please Indicate Filter Type: | O Verbals: @ cell # | Date & Time Results Required:// | 5. Phone * 5.5 - 273 | | Adulters 2: Traverse of the co- | | Mailing/Billing Information: 1. Client Name: 1.21 2.125 |
|--------------|-------------------------|------------------------|--------------------|----------------------------------|---|--------------------------|-------|---------|--------------|--------|----------|----------|-----------------|--------------|----------|---------|--------------|--|--|---|------------------------------------|-----------------------------------|--|-------------------|--|--|---------------------|---|----------------------|--------------------|---------------------------------|----------------------|--|
| | | _ | | TODY | 4 | | | | | | | | | <u>_</u> ;: | - | | 1-6/14 | ON DATE ALTERS | (QTY) | QT/5 | (VL () | | TEN . | | neti | | | (9) | % .1. | | 5 xx0 2 074 | J - D - 13 | COO BUNG |
| | | @By (Ponc): | @Via: | | { | | | | | | | <u>.</u> | | | | | 4×1-1 | AREA / E | TEM Water samples | ☐ EPA 100.3 | Jeogle Sales J Qual. (pres/abs) | Li Quan. (s/area)Dust D6/480-99 | Dysal. (pres/shs) Vacuum/Dust. Drop. (várces) Vacuum/D4788 | TEM Dust | I NY State PLANTEM | JEMBulk D FLAP 198.4/Charfield | ☐ Fax Copy: | nepuring internation (Resond will be provided as soon as reconnectly leastble): | 2820-43 | | | | 5 |
| | V1a: | | By (Pred): | | < | | | | | | | | | | - | | × | ANALYSIS AS AS | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | PA 100.2 (QTY) | (QTY) | Dust D64-80-99 | Oval. (pres/shc) Vacuum/Dust Ovan (street Vacuum D5755-05 | | (Autr.) | | @ fax # | Dimnot, | _ S. Submitted by: | 4. Contact Person: | | 2. Job Location: | Submittal Information: |
| | Date: / | | | | * | | | | | | | | | · <u>-</u> . | <u> </u> | | メ | MR ULK MATRIX | uniess otherwise noted. | QID | | (QTX) | (XuX) | | (QTY) | 97 | ** | o as soon as technics 5 Day + ☐ Impad. Afte | × . | ion! | | # <u>50000000000</u> | mation: |
| | _ / Time: | Sign: | | - | _ | | ·, | | ਹੁ | | | | D. | | | | - | SIVAB | | J | Alexander Pr | Haste Water | U TCLP | □ Soil/Solid_ | il Dust Wipe (wipe type | Lead Analysis Li Paint Chin | — ☐ Email Copy: | ary reasoner: ar-Houas* □ 24th After-Hours* | Signature | | | N . WO . K . C | |
| | | | Sign: | | | | | : | Date/Time: | | | | Date/Time: | | | | Date/Time: | CLIENT | | oscopic A | al Dust wife Fufface (wife type: | (017) | (ALC) | (AUX) | (wipe type 10 17 Ser | Ô. | | er-Hours* □Late-Nij | | @ phone # | | | |
| | Initials: | | | | | | | | Contact: By: | | | | Contact: 8v: | | | | Contact: By: | CLIENT CONTACT (LABORATORY STAFF ONLY) | Doher (Specify) | DAYSIS TY) DBulk (QTY) OTTY) D Surface Venture Pro- | | , | \$ | | X10) 72 (| | (R) | ght* (*must be pre-sci | | | | | 5 (MD) 3ureau of 5269 |
| | | | | Pos May | sted y, 2 | to 01 8 | NG | i | | Rea | ding | g Ro | - 1 | | | | .7 | BEST | AVB S | BLE | co | Ý | | ſ | - FOIA | Req Rele | uest ease | Red by I | egoro Natio | #J. nal Pag | 15- Gua je 1: | 008 ard F 56 c | 5 (MD) Bureau of 5269 |

[..]

AMA Analytical Services, Inc.

| 22 5 5 7 6 | Asbestos Analysis PCMAir Prass Indicate Filter Type: PC MCE Pavasity in a 25n L NIONH 7400 (Q L Phenglas (LQTr) IEMAN - Please Indicate Filter Type: PC MCE Parosity (QTr) IEMAN - Please Indicate Filter Type: PC MCE Parosity (QTr) I NIOSH 7402 (QTr) L NIOSH 7402 (QTr) L HERA 600 - Viscal Estimate L HERA 600 - Viscal Estimate L HERA from Coart L MY State Fridab: L Other (specify SAMPLE CLIENT ID SAMPLE CLIENT ID SAMPLE CLIENT ID SAMPLE | AIHA (#100470) NVLAP (#101143-0) NY E 4475 Forbes Blvd Lanham, MD 20708 (301) 459-2640 - (800) 346-0961 - Fax (301) www.armalah.com Mailing/Billing Information: 1. Client Name: 12-12-12-12-12-12-12-12-12-12-12-12-12-1 |
|---|--|--|
| Bic V V | Filter Type: in aSmmSTrom | 6-0961 - Fax (301) 459-2 (6-0961 - Fax (301) 45 |
| | IEM Bulk D FLAP 198.4 (Charfield D NY State PLM/TEM D Residual Ash IEM Dus D Qual. (pres/abs) Vacuum/D D Quan. (vinces) Vac | 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | (QTY) | Submitted Information: 1. Job Name: 2. Job Location: Lo. 105 f location: 3. Joh #; 4. Contact Person: 4. Contact Person: 5. Submitted by: 6 for # Spay + Claused Afterd 6 for # |
| Date/Time: | Per by a copie | Number For Inqui |
| Contact: By: Dosted to NGB FOIA Reading Rollary, 2018 | TY) I | 150753 Line: Yight (::nus; * gre-chadu: A green and the g |

BEST AVAILABLE COPY

LABORATORY STAFF ONLY: (CUSTODY) L Downley ROW

5

HV Ynt

رد<u>ة،</u>

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industria | al Hygiene S | Surf | ace Wipe Sar | npl | e Sheet | |
|----------------|-----------|--------------|---------------------------------------|-----------------------------------|---------------|----------------------------------|---------------|
| Return Addres | , ARNG | *** | | Point of Contact Non-Responsiv | (nan | | |
| 301- IH | OID BAY | LANC | | | | 410-242-0273 | |
| 1 | | | | Samples Collecte Non-Resp | ed By | / // | |
| | | 016 am | 18 | , | | | _ |
| Sampled Facili | • | City | | State m_1 | | cation (bldg/area) | |
| Cumberal | | ARMORY | | | | FR | |
| Description of | • | Danne | ŀ | te Collected | | Date Shipped | |
| Analysis Desir | FIRING | 16 A ROGE | 10 | 1 Jun 06 | | 14 Juy 06 | |
| LEAD | 00 | | | | | | |
| | | | | | | | - |
| Sampling Data | F | | | , | | | |
| Lab Use Only | Sample # | Results | 8 | NT SIAN AL | . | Remarks | - |
| | Cum-1 | | | CORNER | | COR Dullet JRAP | |
| | Cum D | | | middle of f | 00 18 | k at bullet trap | |
| | | | | L75100,0x | 1910 | SOR Dehind Dullet | 1. |
| | Cum-3 | | · · · · · · · · · · · · · · · · · · · | TRAD Ati | <u>Uhe</u> | Re is was on floo | 5 |
| | Cum-4 | | | bolles to | 7/6 | or, 39+ from flo | 90 |
| | Cum-5 | | | Section? | 5 | bullet tRAR, MIDDLE + LROW Floor | |
| | Cum to | | | THE FROM | 446 | cof | |
| | Cun-7 | | | PRT SIDE O | <u>が</u> けいけん | Landast Polling 33 | Polter |
| | Cun-8 | | | STARTS | 900 | . where paint | |
| | Cum-9 | | | CSIDE O | ななった | trom light |)- <u>-</u>] |
| | Cum - 10 | 5 | | Storage 1 | 300 3 m | Thore on Floor-MIDDLE | |
| | Cum-11 | | | | | | |
| | Cum-12 | <u>-</u> | | in fron Range | OV OV | 1 floof 18 entrance to | |
| Comments to L | _ab: | | | | | | |

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industria | I Hygiene S | Surf | ace Wipe Sar | npl | e Sheet | |
|------------------------|----------------|----------------|----------|--|----------------|---------------------------|--|
| Return Addres ろのトエト | ARNG OIDBAY | LANC | | Point of Contact Non-Respons | ive | 410-942-0273 | |
| | de Grac | | 378 | Non-Respo | | | |
| Sampled Facili | . 1 | City ARMORY | | State 170_C | 1 | cation (bidg/area) エドト | |
| Description of | FIRING | Ronge | 1 | le Collected 4 July 0 le | | Date Shipped | |
| Analysis Desir | ea | | | -00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0- | | | |
| Sampling Data | Sample # | Result | | <u> </u> | | | |
| Lab Ose Only | Cum-13 | | u | Louvees | | Remarks Storage Rcom | |
| | Cum-14 | ı | | CINDICK | MY AY | 11 (unpainted) H | |
| | Cum-15 | | | 011 Clas | _ | WEATH light switch | - |
| - worker | Cum 12 | | | CONTRIL | <u>s No</u> | ins leading to | ું હું જેન |
| | Cum 18 | | | ON floor | ار ر س ا | 2 tront of ant | \$ 1.05 |
| | Cum-19 | i | k | | | (5,10) | |
| | Ccm - 20 | Blank | بر | | | | |
| | | | | | . | | |
| | | | | | | | A COLUMN TO A COLU |
| | | | | | | | |
| Comments to I | _ab: | | | | | | |

and analytical services, inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Requested Record #J-15-003 (MD) Released by National Guard Bureau Page 160 of 5269

Address: Client: 301-EH Old Bay Lane, Atm: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau Job Location: Job Name: Job Number: Cumberland, Maryland Not Provided Not Provided

P.O. Number:

Not Provided

Date Submitted: Chain Of Custody: 150753 6/15/2006

Person Submitting Date Analyzed: 6/15/2006

Report Date:

15-Jun-06

Page I of 2

Summary of Atomic Absorption Analysis for Lead

Analysis Type Sample Type Air Volume (L) Area Wiped Reporting Limit Final Result Comments FOIA Requested Record #J-15

| | | | | - | ដែ | 0657852 | §51 | 850 | 7849 | 7848 | 7847 | 0657846 | 7845 | 7844 | 7843 | 842 | 841 | 0657840 |
|--|---|---|--|--|--|---|---|---|--|--|---|--|--|--|---|---|---|---|
| CUM-19 | CUM-18 | CUM-17 | CUM-16 | CUM-15 | CUM-14 | CUM-13 | CUM-12 | CUM-11 | CUM-10 | CUM-9 | CUM-\$ | CUM-7 | CUM-6 | CUM-5 | CUM-4 | CUM-3 | CUM-2 | CUM-1 |
| Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Flame | Fiame |
| Wipe Blank | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe | Wipe |
| ************************************** | ** | 중 북 품 | ~ * | ** | *** | *** | * * | *** | * * * | *** | *** | ** | *** | % 등 % | % F | 景景景 | 景景 | 2 2 2 3 |
| N/A | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 |
| 12.00 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 108.01 | 10.801 |
| E S | ug/ft² | ug/ft² | ug/ft² | ug∕ft² | ug/ft² | ug∕ ∏ ² | ug/ft² | ug∕ft² | ug/ ft ² | ug∕ft² | ug∕ft² | ug∕ft² | ug/ft² | ug/ft² | ug∕ft² | ug/ft² | ug/ft² | ug/π² |
| ۸ | | | ٨ | ٨ | ٨ | | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | ٨ | | | ٨ | ٨ | ٨ |
| 12 | 200 | 130 | 110 | 110 | 110 | 19000 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 250 | 170 | 110 | 110 | 011 |
| ng | ug/ft² | ug∕ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug/ft² | ug∕ft² | ug∕ff÷ | ug∕ft² | n%n. |
| | Flame Wite Blank **** N/A 12.00 ug < 12 | Flame Wipe **** 0.111 108.01 ug/ft² 200 Flame Wipe Blank **** N/A 12.00 ug < 12 | Flame Wipe **** 0.111 108.01 ug/ft² 130 Flame Wipe **** 0.111 108.01 ug/ft² 200 Flame Wipe Blank ***** N/A 12.00 ug < 12 | Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² 130 Flame Wipe ***** 0.111 108.01 ug/ft² 200 Flame Wipe Blank ***** N/A 12.00 ug < 12 | Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.11 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.111 108.01 ug/ft² 1900 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² 19000 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe ***** 0.111 108.01 ug/ft² < 110 | Flame Wipe **** 0.111 108.01 ug/ft? 110 Flame Wipe ***** 0.111 108.01 ug/ft? 1900 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe ***** <td>Flame Wipe **** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe *****<td>Flame Wipe **** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe *****<td>Flame Wipc **** 0.111 108.01 ug/ft² < 110 Flame Wipe <t< td=""><td>Flame Wipe **** 0.111 108.01 ug/ft² 250 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.11</td><td>Flame Wipe ***** 0.111 108.01 ug/ft? 170 Flame Wipe ***** 0.111 108.01 ug/ft? 250 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe *****<td>Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe *****</td><td>Flame Wipe **** Flame Wipe ****</td></td></t<></td></td></td> | Flame Wipe **** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** <td>Flame Wipe **** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe *****<td>Flame Wipc **** 0.111 108.01 ug/ft² < 110 Flame Wipe <t< td=""><td>Flame Wipe **** 0.111 108.01 ug/ft² 250 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.11</td><td>Flame Wipe ***** 0.111 108.01 ug/ft? 170 Flame Wipe ***** 0.111 108.01 ug/ft? 250 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe *****<td>Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe *****</td><td>Flame Wipe **** Flame Wipe ****</td></td></t<></td></td> | Flame Wipe **** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** <td>Flame Wipc **** 0.111 108.01 ug/ft² < 110 Flame Wipe <t< td=""><td>Flame Wipe **** 0.111 108.01 ug/ft² 250 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.11</td><td>Flame Wipe ***** 0.111 108.01 ug/ft? 170 Flame Wipe ***** 0.111 108.01 ug/ft? 250 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe *****<td>Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe *****</td><td>Flame Wipe **** Flame Wipe ****</td></td></t<></td> | Flame Wipc **** 0.111 108.01 ug/ft² < 110 Flame Wipe **** 0.111 108.01 ug/ft² < 110 Flame Wipe <t< td=""><td>Flame Wipe **** 0.111 108.01 ug/ft² 250 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.11</td><td>Flame Wipe ***** 0.111 108.01 ug/ft? 170 Flame Wipe ***** 0.111 108.01 ug/ft? 250 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe *****<td>Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe *****</td><td>Flame Wipe **** Flame Wipe ****</td></td></t<> | Flame Wipe **** 0.111 108.01 ug/ft² 250 Flame Wipe ***** 0.111 108.01 ug/ft² 110 Flame Wipe ***** 0.11 | Flame Wipe ***** 0.111 108.01 ug/ft? 170 Flame Wipe ***** 0.111 108.01 ug/ft? 250 Flame Wipe ***** 0.111 108.01 ug/ft? 110 Flame Wipe ***** <td>Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe *****</td> <td>Flame Wipe **** Flame Wipe ****</td> | Flame Wipe ***** 0.11 108.01 ug/ft 110 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 170 Flame Wipe ***** 0.111 108.01 ug/ft 110 Flame Wipe ***** | Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** Flame Wipe **** |

BEST AVAILABLE COPY

AMA Sample Number

Client Sample Number

Attention:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based man the information provided by the necessar submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AIMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIBA (#8863), NVLAP (# 101143), & New York BLAP (#10920) Accredited Laboratory

AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Requested Record #J-15-007 (MD) Released by National Guard Bureau Page 161 of 5269

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SL National Guard Bureau Havre de Grace, Maryland 21078 State Military Reservation Job Location: Job Name: Job Number: Cumberland, Maryland Not Provided Not Provided Date Submitted: Chain Of Custody: Person Submitting: 6/15/2006 150753

P.O. Number: Not Provided Date Analyzed: 6/15/2006 Report Date: 15-Jun-06

Requested Record #J-15

Summary of Atomic Absorption Analysis for Lead Page 2 of 2

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B associated with these samples See QC Summary for analytical results of quality control samples

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

BEST AVAILABLE COPY

N/A = Not Applicable

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Attention:

Air and Wipe results are not corrected for any blank results

should not be considered when interpreting the result.

Analyst:

Technical Manager: espons

BEST AVAILABLE COPY

m gg
Re
This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labor 100 gg gg.

On the sample of the order of the clients of the clients of the clients of the condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labor 100 gg.

On the sample of the clients of the clients of the clients of the condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labor 100 gg.

On the sample of the clients o applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government.

All rights reserved, AMA Analytical Services, Inc. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization All rights reserved. AMA Analytical Services, Inc.



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 13081

Analysis Type:

Flatuc

Sample Type:

Wipe

Analysis Date:

6/15/06

Result

Percent

RPD

Comment

Preparation Blank

Recovery

Acceptable

Report Limit Verification Sample

0,107 ppns 0,2975 ppm

89.3%

Acceptable

Expected Spike Level (ppm)

0.2975

#Iërror

Duplicate Sample 1

Duplicate Sample 2

#Num! #Num! mg/Xg mg/Xg

#Error

Matrix Spike Analysis

Spiked Sample

Spike Duplicate

80.86%

Acceptable

Acceptable

Laboratory Control Sample 1

285.432 μg

97,10%

Acceptable

Laboratory Control Sample 2

308.809

μg

100.17%

3,11%

Acceptable

Calibration Information

Correlation of Calibration Curve:

0.99917

0.3333

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA

AMA Sample Number

Client Sample Number

150753

57840 57841 CUM-I

SDG Number:

13081

CUM-2

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| 150753 57842 CUM-3 150753 57843 CUM-4 150753 57844 CUM-5 150753 57845 CUM-6 | |
|---|--|
| 150753 57844 CDM-5 | |
| | |
| 150753 57845 CUM-6 | |
| | |
| 150753 57846 CDM-7 | |
| 150753 57847 CUM-8 | |
| 150753 57848 CUM-9 | |
| 150753 57849 CUM-10 | |
| 150753 57850 CUM-11 | |
| 150753 578\$I CUM-12 | |
| 150753 57852 CUM-13 | |
| 150753 57853 CUM-14 | |
| 150753 57854 CUM-15 | |
| 150753 57855 CUM-16 | |
| 150753 57856 CUM-17 | |
| 150753 57857 CUM-18 | |
| 150753 57858 COM-19 | |
| 150753 57859 CUM-20 | |

SDG Number: 13081 Page 2 of 2

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industria | al Hygiene S | Surf | ace Wipe Sa | mp | le Sheet | |
|-----------------------|-----------------|--------------|------|---------------------------------|---------------|---|-----|
| Return Addres | ARNG OID BAY | Lane | | Point of Contac Non-Responsi | | me & phone #) | |
| HAURE | de Graci | e, MD 210 | 78 | Samples Collection Non-Resp | ted E ons | ive | |
| Sampled Facili | - | City | | State M.D. | | ucation (bldg/area) | |
| Cumber Description of | | ARMORY | | le Collected | | Date Shipped | |
| | Firing | Range | 1 | 1 Jun 06 | | 14 Jun 06 | |
| Analysis Desir | ed | | | | | | |
| Sampling Data | | | | | | | |
| Lab Use Only | Sample # | Results | 8 | NT ELL A | | Remarks | |
| | Cum-1 | | | CORNER | O 6-1 | cor bullettrap | |
| | Clem D | | | 5 ft tron | L B | de at built teap | |
| | Cum-3 | | | | | look behind bullet ere is was on flook | |
| | Cum-4 | | | RT WAIL, W | Asoli 12 c | e bullet tant was | R |
| | Cum-5 | | | Section | 201 201 | Ft FROm Floor | |
| | Cum la | | | THE FRO | ₩¢ | CORNEAD LIGHTS | |
| | Cun 7 | | | front of | とと | floor, 15 \$1 in see built farway be | 3): |
| | Cun-8 | | | MID ON F STARTS | 1001 | e where paint | |
| | Cum-9 | | | FAM. 5 | 474- | from wall | |
| | Cum "1(| 5 | | 34grage | OS MOS | on shelf to Rt Floor com floor-middle | |
| | Cum-11 | | | | | | |
| : | Cun-12 | l-u- | | RANGE | 14. | of entrance to | |
| Comments to I | _ab: | 19110 | | | | | |

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

APPENDIX G SURFACE WIPE SAMPLING SHEET

| | Industria | al Hygiene Sur | face Wipe Sa | mple Sheet |
|-------------------------------|-----------|----------------|-----------------|----------------------|
| Return Addres | ARNG | | | (name & phone #) |
| 301-11 | OIDBAY | LANC | Samples Collect | 410 792 0213 |
| | | c, md 21078 | Non-Respo | nsive |
| Sampled Facil | | City | State | Location (bldg/area) |
| Cumber | | ARMORY | mo | T FR |
| Description of | - | | te Collected | Date Shipped |
| Analysis Desir | ed FIRING | RANGE | 14 Jun 06 | 90 MNT 11 0 |
| Lea | | _ | | |
| | | | | |
| Sampling Data Lab Use Only | Sample # | Results | T | Remarks |
| | | | Louvees | SUSTORAGE RCO- |
| | Cum-1 | ۵ | DOOK. | |
| | Cum-14 | ŀ. | CINDIOCK | LASTINGALUS INCH |
| | Cum-15 | 1 | floor un | deementh lightswitch |
| | Cum 16 | | CONTAIN | n went area ett to |
| | Cum 17 | 1 | 100 OF 3 | Stains leading to |
| | Cun-18 | | on floor | sin front of outs |
| | Cum-19 | BIANK | | |
| ····· | Cum - 20 | 3 Blank | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Comments to | | | | |
| Comments to I | Lab: | | | |
| | | | | |

CHAIN OF CUSTODY

| | | LABOR | Cur | ე ე | C 37-13 | (COM- | (D) - 9 | 5 5 5 | 1 3 1 | Shown | (S) -15 | 4-may | Cum-3 | _ ეით- | 6 3 1 | NCI CILI | ſ | <u></u> | | | | | | | TEM Air - I | ☐ Fiberglass | | PCM Air - Please Inc | - verbals | Date & Tir | □ Please ir | | | | | 1. Client | wwv | (301 | HIV | |
|--------------|------------------------|--|----------|--------------|---------|-------|------------|----------------|-------------|-------|-----------------|-------|-------|-----------|-------------|--|---------------|--------------------|--|-----------------|-----------------------------|---------------------|------------------------------|--------------------------------|--|--------------|-----------------|---|--|---|---|----------------------|---------|------------|--------------------|--|----------------|--|---|-------------------------------|
| 4. Comments: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: | 13 | -12 | | - 10 | 9 | 2 | 1 | 9 | 5 | \$ | 3 | 2 | | CLIENT ID NUMBER | Omer (specify | Other (specific | NY State Frable | EPA Point Count | ☐ EPA 600 – Visual Estimate | G Other (specify | O NIOSH 7402 | O AHERA | TEM Air – Please Indicate Filter Type: | glass | PC MCE Porosity | Asoestos Anatysis PCM Air – Please Indicate Filter Type: | | Date & Time Results Required: | ☐ Please include COC/field data sheers with results | Phone # 410-942-0273 | s 3: | s 2: Haure | Address 1: 301 - 1 | Maning/Billing Information: 1. Client Name: いつけつへん | www.amalab.com | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) | AMA Analytical Services, Inc. |
| s:soned_to: | Analyzed: | REFONLY: (| | | | | | | | | | | | | | SAMPLE LOCATION DA | CANDIE INI | 1.00.1 | | [Q | | | (QTY) | (QTY) | ilter Type: | (QTY) | in a 25mm 37mm | ilter Type: | @ cell # | quired:(Q | eid data shee | 12-0273 | | Z | | TOS CO | • | 800) 346-090 | NVLAP (#10 | ical Servi |
| | | Adolsn' | | | | | | | | | | | | | 6 | CATION D | NOT NOT A | | (X.I.Z) | | (QTY) | (Q) | | 2/mm | 27 | | 37mm | | | مالان الماليا | s with result | | | | Sa. 6 | 60000 | | 51 • Fax (301 | 1143-0) NY I | ices, inc. |
| | | 2 | 4. | | | | | | | | | | | 1 | 6/14 | DATE (LITERS) | 1 | 35 | 5 | | | (QTY) | i, | | | | | | The second secon | ر ا ا | | Fax #. 410- | | D 21018 | 2 | Buran | |) 459-2643 | ELAP (10920 | |
| | 0 | alous via Fed Ex | < | | | | | | | | | | | | 4x4,,, | E WIPE | | (TEM | N N | 1.001 WAS F | ZE C | Qua | TEM Water | | □ Qua | TEM Dust | N N | YTE CONTROLL | - Fax Copy: | | ting Laform | 410-942-0254 | | A. | | ξ. Υ | | (| *) | |
| Via: | By (Print): | FRO E | | | | | | | | | | | | | | PCM PLM PLM | ANA | (TEM Water samples | samples receive | 100.1 | □ ELAP 198.2/EPA 100.2. | Qual. (pres/abs) | n. (svarea)Dust | Quan. (s/area) Vacuum D5755-95 | (pres/abs) Va | Dust | State PLM/TE | LBulk □ ELAP 198.4/Chatfield | | ± X 24br 🗆 | ation (Result | Ţ. | | | | | | | | |
| \(\) | X | By (Print): | < | | | | | | | | | | | | × | LEAD MOLD | | ರೆ | All samples received in good condition unless otherwise noted. | (212) | | (Q) | D6480-39 | um D5755-95 | cuum/Dust | (VIX) | | eld | | 48hr □72hr | =: | • | | | | Submittal Information: 1. Job Name: | | | | |
| _Date: | 6 | int) Non-Respons | | | | | | | | | | | | | | AIR BULK | | | ition unless oth | | (VTY) | (ALD) | (S 17) | à | (QTY) | _ | . (QTY) | (QTY) | @ Iax # | S Day + □ | vided as soor | d by: | Persor | _ 1 | ation: Cumb | ntormation: he: | • | | | |
| / 43 | | | ₹ | | | | | and the second | | | | | | | × | DUST: WATER AND OTHER | Alderes | | erwise noted. | | | | *) | (SLLX) | 3 | | | | |]Immd. After | | 4 | | | vps / lone | | | | | |
| 6 | Sign: | | | | | | | | | | | | | | | SPORE TRAP | | | |)][| id - plow | 1 | | | | | : Ş | Lead Analysis | | r-Hours*□2 | technically feasible): | | | Н | 2 | | | | | |
| Time: | | Sign | æ | | | | Date/Time: | | | | Date/Time: | | | | Date/Time: | SWAB | | | Surface Tape | | oscopi | oc entropy r orders | Dust Wine Furnace (wine type | Drinking Water | TCLP | Solid (S | Wipe (wipe typ | hip | Сору: | 4br After-Hour | 0 | | (d @) | Š į | 200 | | | | (riease Keter to this Number For Inquires) | Olaaaa Dafar T |
| | | | | | | | | | | | | | | | | (LABORATOR | JUNEAU AC | 1 000 | (OTY) Other (Specify | | Analysis | | wine type | (QTY) | (QTY) | (3.10) | e gnost | (QTY) | | s* □Late-Nig | | | phone # | | | | | ! | quires) | , 44.7. |
| Initial | | | | | | | Contact: | | | | Contact: | | | | Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | | * (Choose) | OTY) Dicher (Specify | | | | _ | | | |) 20 (| j | | s* []Late-Night* (*must be pre-schedule | | | | | | | | | 15075 5075 5075 5075 5075 5075 5075 5075 | |
| | | Po M | stee | d to 2018 | NG | | By: | Rea | adin | | by Y: oom | | | | By: | BES | TA | AV | | ÀB | BLE (| co | G FY | | | F | OLY) | A Re | que leas | e-schedule∰ sted b | Req y Na | atio | nal (| Gua | ard I | 5 (M Bure of 52 | au | | U U | • |

[L.]

| | | | 50m-20 | CV:20-15 | | ZI 1. | 5.0 | CLIENT ID NUMBER | | | V pr u bulk | 됐 | Asbestos Analysis ECM Air - Pleas Indicate Filter Type: PC MCE Peresity | 11 Verbals: | Li Please include COOfield dan Dare & Time Results Required: | 5. Phone # 4(0-942-02 | | Mailing/Billing Information: 1. Client Name: Local Colors 2. Address 1: 251 - TH CK | ABLA (#10,070): 4475 Forbes Blvd. (301) 459-2640 • (www.amalab.com |
|------------|---------------|-----------------|----------|------------|--------------|-------|-----------|---|--|--|--|--------------------------------|---|-----------------------------------|---|--|-------------|---|--|
| | | | Biens | Bicne | | | | SAMPLE LOCATION SAMPLE LOCATION DESTINICATION De |) | (QTY) (QTY) | | (QTY) Filter Type: | Filler Type: in a 25am 37mm | @ ce!] # | I Please include COC/field data sheets with results bee & Time Results Required: | G) | بد التعاملي | 17 (2. C.) | ABLA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com |
| < | | | | | | | | A COUNT | (A) | J | ,(QTY) 15 | J. | ij | JF3 | Reporting | Fax + 410-942-025 | 510 E | <u>d Burau</u> | ELAP (10920) 1) 459-2643 |
| (- | | | | | | | ? | AREA MM PCM | (TEM Water samples | D ELAP 198.2/EPA 100.2 D EPA 100.1 | (1) Quan. (s/ares) Vacuum D5755-95 (2) Quan. (s/ares)Dust D6480-99 | C) Residual Ash | JEMANK DELAP 198.4/Charfold DAY State PLMITEM | Tex Copy: | Reporting Information (Results will be provided as soon Olimmd, 5024ir 1048br 1072br 105 Day + 1 | +259- | | | CHAI |
| <u>-</u> | | | | | | | ; | PCM ANALYSIS | ived in good condition | (QTY) | settum D5755-95 tst D6480-99(QTY) | 0 | | ⊕ fax # | ok wii be provide | Contact Person; Submitted by: | | Submittal Information: 1. Job Name: | HAIN OF CUST |
| 4 | | | <u>-</u> | | | | | Atte | All samples received in good condition unless otherwise noted. (TEM Water samples | (QTY) | (QTY) | 1 | (0TY) | # | ed as soon as techni 5 Day + 🗀 Immd. At | \$01; | | mation: م: رن ساعة دالاسيرا | JSTODY |
| | - | | | | | | 1 | TAPE | d.: DSurface Tape | ., | Dinising Water Division Water Division Wipe Fun | D Air D SoiUSquid D TCUP | Lead Analysis D Paint Chip., D Dust Wipe (| ் Email Copy: | as technically feasible): Immd. After-Hours* []24br | 2 | -1 ∃ | zd. transpana | 2.5 |
| | | Date/Time: | | Date/Tune: | | | Paie Time | 1_ | | Copic A | ace (wipe o | QT (| hip | Copy: | After-Hours 7 7 L | Signarure: | | <i>S</i> √. | (rease Keier to this Number For Inquires) |
| | | Contact: | | Contact | | | Comact. | CLIBORATORY STAFF ONLY) | (QTY) Dother (Specify | inalysis □Y) □ Bulk (QTY) ¡QTY)□ Surface Vacuum Dust | is (dux) | .x) (dux) | om Sr , Zû | x Copy: @ fax # D Email Copy: @ E | ste-Niebt* (*must be t | F | | | 150753 |
| | Poste May, | ad to N 2018 | IGB F | DIA R | | ing R | pom | - 1 | Ĭ | | VA ABLE | | 9 3 | FO | yne⊷chadulcA Rei | | | | 5-0085 (MD Guard Bureau |

A

AMA finalytical Services, Inc.AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

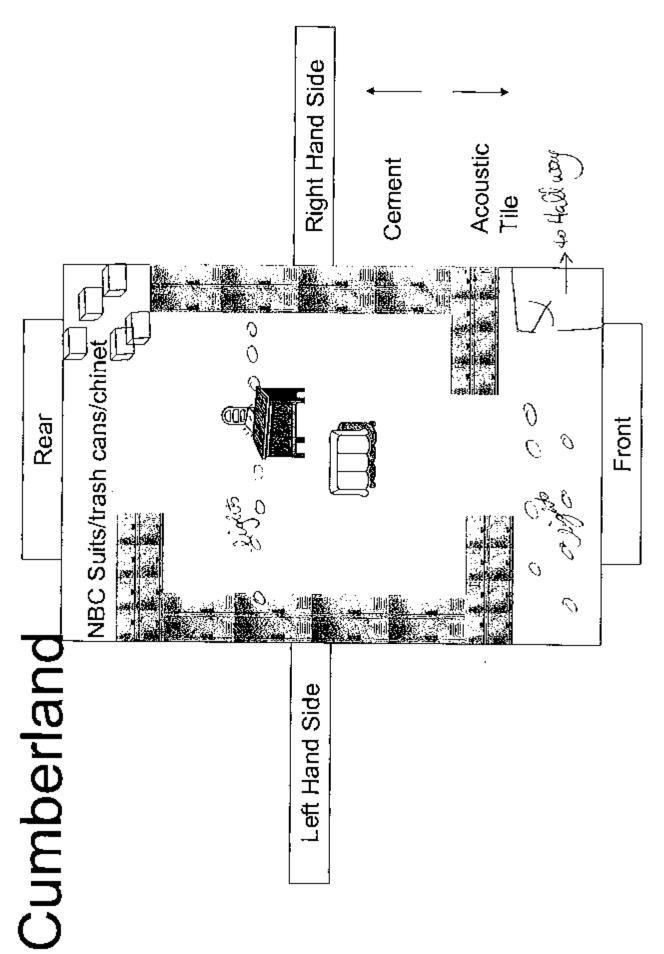
| Col. | 2. Date/Time Analyzed: 3. Results Reported To: 4. Comments: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: // | A Company of the Comp | 6630 Bulk | 68-29 Black | CB 28 FIDOR | GB: 27 ₩ | 6 B 24 | 68 23 | | LIENT ID | 3. Address 2: Hant & Island Handress 3: 4. Address 3: Fhone # 510 942 0273 F. 5. Phone # 510 942 0273 F. Carlotte Filter Type: F. Carlotte Foresity in a 25mm 37mm Ontosh 7400 (QTY) Carlotte Filter Type: F. Carlotte Foresity in a 25mm 37mm Ontosh 7400 (QTY) Carlotte Filter Type: F. Carlotte Filter |
|--|---|---|--|-----------|-------------|---------------------|----------|---------------------|-------|-------------------------|--|--|
| 3. Job #: Properties Propert | /zed:// | D: (CUSTODY) | A A A A A A A A A A A A A A A A A A A | | 25 | У л | | | | | J . | Fax # Fax |
| technically feasible): Ind. After-Hours* [] 24hr After-Hours Demail Copy: Lead Analysis Paint Chip 1 Dust Wipe (wipe type Arter Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe | By (Print) | | | ZZ | NA | Y | | | | | WIPE AREA | rting 94 |
| technically feasible): Ind. After-Hours* [] 24hr After-Hours Demail Copy: Lead Analysis Paint Chip 1 Dust Wipe (wipe type Arter Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe Chindring Water Chipe | Date: | By (Print): | | X | | | | | | X | MOLD AIR BULK | 3. Iob #: 4. Contact Person: 5. Submitted by: will be provided as soon as 8th |
| ## Cont | | | | | | | | | | | MATRIX WASOMER SPORE TAPE | technically feasured. After-Hours Lear Y) Molinically feasured from the feasured f |
| The state of the s | \$ | Sign: | | | | Date/Time: Contact: | | Date/Time: Contact: | | Date/Time: Contact: | CLIENT CONTACT (LABORATORY STAFF ONLY) | gnature: @ phone # \(\frac{1}{2} \cap \) \(\frac{7}{2} \cap 2 \) After-Hows* [] Late-Night* (*must be property) pe (wipe type \(\frac{1}{2} \lambda_2 \) \(\frac{1}{2} \) pe (wipe type \(\frac{1}{2} \lambda_2 \) \(\frac{1}{2} \) g (QTY) d (QTY) d (QTY) g Water (QTY) pe Furnace (wipe type (QTY) pe Furnace (wipe type (QTY)) Swab (QTY) |

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, **EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES**

APPENDIX G SURFACE WIPE SAMPLING SHEET

| Return Address | 9 | | Point of Co | ontact <i>(nar</i> | ne & phone #) |
|-------------------------------|---------------------|---------|----------------|--------------------|---|
| | | | Samples C | ollected B | y |
| | | | | · · | - |
| Bampled Facill | ty | City | State | Lo | cation (bldg/area) |
| escription of | Operation | | Date Collected | | Date Shipped |
| nalysis Desir | <u></u> | | | · | |
| | | | | | ·································· |
| ampilng Data | | -3/ | | | |
| ab Use Only | Sample # | Results | ARMON | ey 10 | Remarks Of ENTRANCE TO |
| . — | <u>CB-20</u> | | - 100 FR | <u>e</u> | u front of |
| | 6B,51 | | Dout nelia | 71 <u>6 %</u> | DALS TEALTING O |
| | CB - 75 | | R+ IAN | 001 | Place where |
| | <u>GB - 23</u> | | | | MY STAME GY O |
| | <u> GB - 24</u> |) — | | SKAN | — <u>}</u> |
| ·- | <u>GB ~ 25</u> | | 1000 teom | E BY | an floor 72 tr |
| | GB-26 | | Bull 6 | AL TON | Took where |
| | GB- 27 | | \$1.65.A | | ner of boom on |
| | GB-28 | | 100 Pla | 39 R W | PACK OF BONGE |
| | GB-29 | Blank | | | |
| | | | | | |
| | | | | | |
| omments to L | ab: NO UP | NOWIA | ME DAG | ラナ | |
| | , 40 / | • | • | | |
| | للاآك | 5 WOA | | A 2 | |
| BAP REY | 210 | OR NO | 5 40 | WAI | 11 NO |
| Posted to NGB FO May, 2018 | | | NAILABLE COPY | FOIA I | Requested Record #J-15-0085 (MD) Released by National Guard Bureau |
| E_ | | ¥ / | 7 - | - | Page 169 of 5269 |

4AJ 40W



MA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NYEA

14-Oct-04

130321

Chain Of Custody:

Date Sehmitted:

Cumberland, MD

Job Location:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Address: Cient

ted to NGB FOIA Reading Room 3978.0N

National Guard Bureau

Havre de Grace, Maryland 21078 State Military Reservation

Attention:

Cumberland

To Name:

Report Date:

10/1/2004

10/14/2004

Person Submitting: Date Analyzed:

Summary of Atomic Absorption Analysis for Lead

BPA #W912K6-04-A0002

P.O. Number: Job Number:

Not Provided

| ٧ | |
|----|--|
| ç | |
| ч | |
| У. | |
| P | |
| ε | |

| Namber Number | Nomber | : | | 3 | (ff) | Limit | Cinnia | rubi Kesait | í | Communication |
|--------------------------|---------|----------|------------|----------|--------|--------|--------------------|-------------|--------------------|---------------|
| 0500454 CUM 093004 001 | 004 003 | Furnace | Wipe | **** | 0.11.1 | 67.51 | ng:ff* | 430 | | |
| 0509455 CUM 093064 002 | 064 902 | Furnace | Wipe | *** | 0.111 | 6.75 | og/ft² | 48 | ng/ft ² | |
| 15D9456 CUM 093004 003 | 004 003 | Flame | Wipe | **** | 0.111 | 108.01 | ugya. | 3600 | ugyff. | |
| 0590457 CUM 093004 004 | 004 004 | Furnace | Wipe | ‡ * | 0.111 | 67.51 | ney fire | 410 | us/fir | |
| 0500458 CUM 093004 005 | 004 005 | Furnace | Wipe | *** | 0.131 | 2.70 | ug/ff ² | 17 | ug/ff ² | |
| 0500459 CUM 093004 006 | 004 006 | Futaace | Wipe | **** | 0.111 | 6.75 | ug/ft² | 39 | ug/ff* | |
| 0500460 CUM 093004 007 | 004 007 | Fumace | Wipe | **** | 0.111 | 5.40 | ng/Ar | * | u <u>g</u> √¶² | |
| 0500461 CUM 099004 008 | 004 008 | Furnace | Wipe | **** | 0.111 | 33.75 | ug/ff* | 110 | ug/ff* | |
| 0506462 CUM 093004 B09 | 004 009 | Formace | Wipe | *** | 0.113 | 2.70 | ug/ff | 0£ | ug/ff* | |
| 0506463 CUM 093004 010 | 004 010 | Furnace | Wipe | **** | 0.111 | 2.70 | ng/fe | 9 | ng/ft² | |
| 0500464 CUM 093004 011 | 064 011 | Fumace | Wipe | **** | 0.111 | 2.30 | ng/ft² | 24 | ugylft | |
| 0500465 CUM 093004 012 | 004 012 | Funzce | Wipe | At Color | 0.111 | 2.70 | n gA | 8.1 | ug/ft² | |
| 0500466 CUM 093034 013 | 004 013 | Flame | Wipe | 8:80 X | 0.111 | 10801 | ug/ff- | 4500 | ug/ff- | |
| 0500467 CUM 093004 014 | 004 034 | Flame | Wipe | **** | 6.131 | 108.01 | us/ff² | 170000 | ugiff | |
| OS00468 CLIM 093804 01.5 | 004 015 | Furnace | Wipe | *** | 6.111 | 135.01 | ug/ff* | 280 | ng/ff | |
| 0500469 CUM 093004 016 | 004 016 | Fumace | Wipe Blank | *** | MA | 0.30 | Sin | 1970 | Э'n | |
| 0500470 CUM 093004 017 | 004 017 | Furnace | Wipe Blank | *** | N/A | 0.30 | 30 | 17.0 | ân | |
| 0500471 CUM 093004 013 | 004 013 | Furnsec | Wine | *** | 0.11.0 | 2.70 | ug/ff ^e | 15 | ug/fF | |
| 0500472 CUM 093064 019 | 064 019 | Ferrace | Wipe | **** | 0.11.1 | 2.70 | ng/ff | 8 | og/ft ² | |
| 0500473 CUM 093004 020 | 004 020 | Furnace | Wipe | *** | 0.111 | 2.70 | mg/ff? | ผ | THAT. | |

applies only to polarized light microscopy of helican microscopy of ABERA air samples. This report must not be used to claim, and dees not imply product certification, approval, or endorsement by NVLAP, NET, or any agency of the Federal Government.

All rights reserved, AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

| Stak Military Reservation, Hayre De Grace, Mb 21078 Sampled Installation Cumbuland, M) Project Number ARLOC Location ARLOC Date Collected 9-30-2004 Description of Operation Locker Recom Associated Complaints (be specific) Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Only No. Constituents Results Remarks Project Number ARLOC Date Shipped Date Shipped Date Shipped Date Shipped Date Shipped Date Shipped MRDG/AREA) Location (BLDG/AREA) Cumberland Armong Manufacturer MSDS Attached Yes No Remarks Proof Center at | 4) |
|--|--|
| Return Address (complete address including Zip Code) National Guard Bureau, 301H Old Bay Lane, AHn. NGB-AVN-SI Stak Military Reservation, Havre De Grace, Mb 21078 Sampled Installation Cumbuland M Project Number Date Collected 9-30-2004 Date Shipped Date Shipped Location (BLDG/AREA) Cumbuland Among Associated Complaints (be specific) Associated Air Samples Yes No Labol Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Turpes - Furnace method Constituents Results Remarks JUN 093009 | 4) |
| Return Address (complete address including Zip Code) National Guard Bureau, 301H Old Bay Lane. Athr. NGB-AVN-SI Stak Military Reservation, Havre De Grace. Mb 21078 Sampled Installation Cumbuland M Date Collected 9-30-2004 Description of Operation Locker Resonn Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Analysis Desired Analysis Desired No. Constituents Results Remarks Point of Contact (name/AliToVO) NOT-Responsive 410-942-0273 EXT / 410-942-02 | ٧) |
| Project Number ARLOC | 1 |
| Cumbuland, M) Non-Responsive Date Collected 9-30-2004 Description of Operation Locker Ream Associated Complaints (be specific) Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Lab Use Sample Only No. Constituents Results Remarks Fivor Center at | 8 |
| Description of Operation Locker Room Associated Complaints (be specific) Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Constituents Results Remarks Plan 093009 | |
| Description of Operation Locker Room Associated Complaints (be specific) Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Only No. Constituents Results Remarks Floor Center at | 一 |
| Associated Air Samples Yes No Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Only No. Constituents Results Remarks Fior Center at | |
| Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Only No. Constituents Results Remarks Fior Center at | - |
| Label Information Trade Name | - |
| Address Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Sample Only No. Constituents Results Remarks Fior Center of | _ |
| Analysis Desired Lead Wipes - Furnace method Lab Use Sample Only No. Constituents Results Remarks Fior Center at | \dashv |
| Analysis Desired Lead Wipes - Furnace method Lab Use Sample Only No. Constituents Results Remarks 2UM 093009 Fior Center at | \dashv |
| Analysis Desired Lead Wipes - Furnace method ab Use Sample No. Constituents Results Remarks The Constituents Fior Center at | |
| Lead Wipes - Furnace method Lab Use Sample Constituents Results Remarks 200.093009 Fior Center at | |
| Only No. Constituents Results Remarks 2000-9300-9 Fior Center at | |
| [him Center at | |
| 100/ hiring lane | |
| EUMO93004 Floor near Gont under | |
| compagned (overhead pipe overdoor) | |
| 003 at ASSCACON & white platfor | 20/11 |
| PHS 1' past dupi do | 100 LX |
| 004 Way. 51 from ground | |
| 005 Rits, 1/2 way common 8' from floor al. | * .l |
| Comments to Lab (Continued on other side) | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| | |
| Lab Use Only Analyst (initials) Reviewed By (initials) Data Resolved Data Resolved | |
| Analyst (initials) Reviewed By (initials) Date Received Date Reported | |
| Procedures Performed Comments: | 7 |
| Poeted to NGB FOIA Reading Room. BEST AVAILABLE COPY FOIA Requested Record #J-15-0085 (| MD) |
| AEHA Form ^N 野光代 ⁰¹ 6 Oct 84 Released by National Guard Bu Page 172 of 5 | eau |

| | | BULK SAMPI | LE DATA | |
|----------------|--------------------|---|---------------------------------------|---|
| ab Use Only | Sample No. | Constituents | Results | Remarks |
| | CUM 0 93004 | | | RHS, where like and cornel meet 2' from floor |
| | CUM-23004 | ······································ | | 1115 27 On Albur |
| ······· | 007 evin 093004 | | | Grood wall 2ft flow flows |
| | 008 | | | 14/5 25-30 ff Home Good wall 2ft Rock floor LHS & downsong, under work and |
| | CUN093504 | | | LHS 5A GOA fiver about |
| | cum 013004 | | | LHS 5A Gon fiver more reper of table part teat wall Removall Corner to RHS 74 Grom Acor |
| | 0/0 | | | Remodil Corner to PHE |
| | 0// | | <u> </u> | Room Nell 5# from LAS |
| ·i | CUMO9 3004 | ·. ———————————————————————————————————— | | Roan Nall 5th from LAS 8th from those Rear wall fenter line |
| <u></u> | 0/2 cunoq 5001 | | | 3 ft. Conflice |
| | _013 | | | Back of heaks in fruit, left corner |
| | 019 019 | | | Top of babble of bucks area, 5' from RHS |
| | 015 | | <u> </u> | Top of pipe to RT of dor (entiry range) 41 f |
| | 104093004 | | <u> </u> | der (entiry runge) 41 f |
| | 0/6 Cumo93004 | | | BEANIC |
| ·- <u>-</u> | 017 cumongon - | | | BLANK |
| | 0/8 | | | In hollway, to LFT of Range door, useind wall |
| 7 | cumon sood | <u>·</u> | | Range door, useind wall |
| | 3011095009 | | | HOM PLOOL WHEN FILL SIM |
| | 020 | | | Privall vertical whoest have been the conferred to range. |
| | | | , | |
| | | | <u> </u> | |
| | | | | |
| | | | | + |
| - | | | | |
| | ·—— | | _ | |
| | | | | <u> </u> |
| <u> </u> | | _ <u></u> | | |
| | | | | |
| | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | |
| | | | - | |
| [| | <u> </u> | | 1 |

Posted to NGB FOIA Reading Room May, 2018 , FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 173 of 5269

CHAIN OF CUSTODY

| 130321 | | ALLE MARIE PER PER PER PER PER PER PER PER PER PE | | # 301 677 3688 | Andrew C. W. Walter and C. | on (Results will be provided as soon as technically feasible): □24pr □48br □72hr □52ba + □1mmd After-Hours* □24nr After-Hours* □1ate-Night* (*must be pre-scheduled) **At. Heriss | (QTY)(QTY) | (QTY) | 20 | | AILABLE (QTY) | CLIENT CONTACT | By: | | | Contact; By: | | ori-thydroculary displays the state of the s | Contact: By: | and the second s | | | | | | Thuais |
|--|------------------------|---|----------------|----------------|---|--|---|--|--|----------------------------------|---|--|------------|-----------|--------------------|--------------|---|--|--------------|--|--------------|--|----------------------------------|--|------------------------|--|
| (Please Refer To This Number For Inquires) | | ALBRANALANIANIA | _ P.O. #. | @ phone # 301 | Signature: | ible): * [=]24hr After-Hours* [=] [=] Fransil Conve | wipe type | (41X) (61X) (01X) | ☐ Drinking Water (QTY) ☐ Waste Water (QTY) ☑ Waste Wipe Furnace (wipe type & hest to be to be.) | Miscellaneous Analysis | Other (specify | WATER AND OTHER | Date/Time: | | | Date/Time: | 200 A 100 A | | Date/Iime: | | | G. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | S. Crimin | | | Time |
|)DY | | CLANDER LOAD , MD | No | | | as technically feasibl Imnd. After-Hours* [77 7132. | Lea | | દ | Miscel | a | MATRIX V | | | | | | | | | | | | Cloni | Take The second | S C C C C C C C C C C C C C C C C C C C |
| TAIN OF CUSTODY | Submittal Information: | cation: | Job #. | Contact Person | Submitted by: | Soon (Results will be provided as soon as technically feasible): □24br □48hr □72hr □5 Day + □1mmd. After-Hours* □2 ••4br Horriso | (QTY) | (T.X.) | 95 | (QTY) (QTY) | الم | ANALYSIS OTHER | | 1000000 | | | 100 000 000 000 000 000 000 000 000 000 | | | | | | Bio | | Ė | Oale |
| CHAIN 0 | Subi | | | | | | (Bulk U ELAP 198.4/Chatfield U NY State PLM/TEM | ☐ Kesidual Ash(Q (Dust ☐ Qual. (pres/abs) Vacuum/Dust. | - 3 - 3 | P 198.2/EPA 100.2 | 2/ Br. in | TEW PCIV | | 812 | | | | | | | | | | 7. de . de . de . de . de . de . de . de | Dy (Frant): Vies. | DIM. |
| 920) 59-2643 | | | 36 | | - 18 | Repo | TEM Bulk O EL. O NY | TEM Dust | ŒI | | 9.19 | . S# | | | | | | | | | | | 9 | (e | 9 | en de de la companya de la companya de la companya de la companya de la companya de la companya de la companya |
| Services, Inc. #1143) NY ELAP (10 ham, MD 20706 46-0961 • Fax (301) 4 | 3 | 2 | Grace MD 21078 | | Fax # | / | pe: 25mm 37mm | (QTY) Type: | | (QTY) (QTY) | | SAMPLE ANALYSIS INFORMATION VOI SAMPLE LOCATION DATE OTHER | | | | | | | | | | | TX: (CUSTODY) | 7 | | |
| AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com | ation | 301-14 | SS 2: Have Ge | ss 3: | The state of the s | a Date & Time Results Required: 3D Verbals: | nalysis ease Indicate Filter Ty Porosityin a | (Cate Filter Ty | C ANCE POTOSITY IN 2 Z5n C AHERA NIOSH 7402 C ANOSH 7402 | Chalk Cheb 600 - Visual Estimate | O NY State Friable Grav. Reduction ELAP 198.1 | | 100 | 3 | 200 F00 100 F00 | | 3 | 200 F00 | | | 2 | 73 | LABORATORY STAFF ONLY: (CUSTODY) | 2. Date/Time Analyzed: | T Pesults Reported To- | O'DESERVATION OF |
| W | May Client Client | l fo N | j | Address 3: | ∀. Phone #. | Reading | SAsbestos / MCMAir - PC MC | TEM Air | BE SEE | 3 | SZ S S DDDD AILABLE | | Cuno43co+ | H008304N0 | 100640 M 201 | A Re | ques | ted R | | d#J-1 onal G | 5-00 uaro | 085 (1 d Bur | MD) eau | | | 現場を持ち |

| DΥ |
|---------|
| CUSTODY |
| CG |
| OF |
| MAIN |
| E |
| |

| | g g | | ET. | BEST AVAILA | BLE COF | Y | | | | | | | |
|--|---|--|--|--|---------------------------------------|--|----|--|--------------------------------------|--|--|--|---|
| 301 677 3688 | e/Night* (*must be pre-schedule | Y) (QTY) | 20 | .)(QTY) | | Contact: By: | | Contact By: | Contact: By: | | 17. 74 | Web 1985 | - Inicials: |
| .#. @ phone # | ignature: rAfter-Hours* [1].46 rCopy: | nipige type ipe (wipe typeiQTYiid | ing Water (C | us Analysis n (QTY) (specify | | Date/Time: | | Date/Ilme: | Date/Time: | | | | (Ime: |
| P.O. | S bucally feasible): After Froms = 1240 1132 - 13 Emai | Lead Analysi Deint (Dust V Dust V Dost V | | Miscellaneor Radon Cl Other | MATRIX WATE BULK WIPE OTHER | | | | | | | Sign | |
| 2. Job Location: CLM See le 3. Job # 4. Contact Person | 5. Submitted by: Results will be provided as soon as sted for \$\sum 48\text{ln} \sum 1\s | | -95 | 8 7 | | | | | | | | By (Rotati) | Date: Option |
| | Reporting Informal Figure 12 Torner | TEM Bulk □ ELAP 198. □ NY State Pl □ Residual As TEM Dust | O Qual. O Quan. O Quan. TEM Water | 73 | UME WIPE | 15, k | | | | | | V3.3 | |
| Gree MD | 1 ////////////// | コンパル 暦 | Please Indicate Filter Type: E Porosity in a 25mm 37mm RA (QTY) SH 7402 (QTY) | ### (Specify | r (specify | IMBER SAMPLE LOCATION OF THE PROPERTY OF THE P | | | curionistos 020 | Control of the second of the s | emiditary | LABORATORY STAFF ON DX: (*CUSTICUM) 1. Date IF me REVD | 2. Date Lime Analyzed |
| | 616 Buy LAN | Say Law P.O.# P. | | 1. 321-1 4 6 5 5 1. 321-1 4 6 5 5 2. 104 Location: C_{acc} > 1 105 3. 105 4. Contact Person 5. Submitted by: Signature: 6. 202 Contact Person 8. Contact Person 8. Contact Person 9. Havin Car Contact Person 1. 31-1 4 6 5 1. 321-1 4 6 5 1. 321-1 4 6 5 1. 321-1 4 6 5 1. 321-1 4 6 5 1. 321-1 4 6 5 1. 321-1 4 6 5 2. 104 6 5 3. 105 6 4. Contact Person 5. Submitted by: Signature: 6. Submitted by: Signature: 6. Submitted by: Signature: 8. Submitted by: Signature: 8. Submitted by: Signature: 9. Submitted by: Signature: 10 Signature: Signature: 10 Signature: Signature: 11 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 12 Submitted by: Signature: 13 Submitted by: Signature: 14 Submitted by: Signature: 15 Submitted by: Signature: 15 Submitted by: Signature: 15 Submitted by: Signature: 15 Submitted by: Signature: 15 Submitted by: Signature: 15 Submitted by: Submitted by: Submitted by: Submitted by: 15 Submitted by: Submitted by: Submitted by: Submitted by: 16 Submitted by: Submitted by: Submitted by: Submitted by: 16 Submitted by: Submitte | 10 10 10 10 10 10 10 10 | 10 23 1 1 1 1 1 2 2 2 2 2 | 1. | 1. 2. 14c 14 15 24 24 24 24 24 24 24 2 | 3 10 10 10 10 10 10 10 | 1. Heart | Cheen Name Che | 1. Heart A. Greed Mo. 2 10 to 1 10 | 1. |

May, 2018

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 175 of 5269

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

NYELAP 至

14-0ct-04

Report Date:

CERTIFICATE OF ANALYSIS

Job Location: Job Namber: Job Name: 301-Eff Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guand Bureau Address Client:

Attentiese

to NGB FOIA Reading Room 3878.0N

BPA #W912K6-04-A0002 Cumberland, MD Not Provided Cumberland P.O. Number:

10/1/2004 130621 Chain Of Castody: Person Sabnitting: Date Submitted: Date Analyzed:

10/14/2004

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

Finest Result Reporting Anea Wiped Air Volume Sample Type Analysis Type Client Sample AMA Sample Number

mgKg = parts per million (ppm) by weight - mg/£ = parts per million (ppm) WA = Not Applicable

walksis Method For Furrace: Air, Wipes, Paints, and SoiJ/Soids: EPA 600/R-93/200/NJ-7421; Water, SAR-3113B

nalysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200/M-7420; Water: SM-3111B

ug/L = parts per billion (ppb) ug = micrograms %Pb = percent lead by weight

Note: All samples were received in good condition unless otherwise noted. Note: All results have two significant digits. Any additional digits shown Should not be considered when interpreting the result.

Analyst

Technical Manager:

En Ex. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly desclaim any knowledge and Lifty for the normany and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accordinated applies only to polarized light microscopy of bulk standard and transmission electron microscopy of AMERA air samples. This report must not be used to claim, and does not imply product cartification, approved, approved, and applical Services. Inc.

NVLAP, NIST, or any agency of the Rederal Concurrence.

All rights reserved, AMA Analytical Services, Inc.

Besides and its control of the country of the count

An AIRA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

| | | | BULK SAM | IPLE D | ATA | | · | 7 |
|-----------------|----------------------------|----------------|---|---------|-----------|----------------------|--|-------------|
| | For u | se of this for | rm see USAERA T | | | nt is HSHB-LO | D. | |
| rranonal | Address (com | plete addr | ess including Zi BAY LANE, AHA: N e De G <i>rac</i> e, MD | p Code) | J-Sr N | on-Res | t (name/AUTOVON) | |
| Sample | d Installation lucland, MO | | Project N | | | ARLOC | -0273 EXT 18 | - |
| Non- | Respon | sive | 9-30-20 | | | Date Shipp | ped | - · |
| Loc | ker Reom | | | | | Location Cumberla | (BLDG/AREA) nd armony | |
| | ated Complaints | | ific) | | | | J | |
| Associa Ye | ated Air Sampl es ∑No | es | If yes, i | ist sam | ple numbe | rs | | |
| Trade N | lomo | | Label Info | rmation | | | |] |
| 11809 1 | eme | | NSN | | Manufac | sturer | | 1 |
| Address | 3 | | | | MSDS A | ttached Yes | □No | |
| Analysi | s Desired Lea | d Win | es - Furna | Ce No | aldi - 1 | | | <u> </u> |
| Lab Use Only | Sample No. | | stituents | | Results | | Remarks | |
| | 00/ | | - | | <u> </u> | Franc | center at | |
| | 002 | | | | | Floor | near Gont under ad pipe overdoor At | Gon 21 |
| | 003 evm093004 | | | | | Floor S at Also | A from lear won4 | Ohole 1-50+ |
| · | 004 | | | | | RHS, Way, | 5. from Trany | |
| Commen | 005 18 to Lab | | | | | 8. t | rum floor al end | of acom |
| | to to Ean | | | | | (Continue | ed on other side) | locker # |
| | | | Lab Use | Only | | | | 1 |
| Analyst | (initials) | Review | ed By (initials) | | Date Re | ceived | Date Reported | |
| Procedur | es Performed | , | Comments: | ···· | 1 | | | 1 |

BEST AVAILABLE COPY

Posted to NGB FOIA Reading Room

AEHA Form 8-R, 1 Oct 84

FOIA Requested Record #J-15-0085 (MD)

Released by National Guard Durcae
Page 177 of 5269

1-032/

| COMOGRAY OCH COMOGRAY CO | b Use Only | Sample No. | Constituents | Results | Hemarks |
|--|---------------|--|--------------|--|---------------------------------|
| COMPOSORY | | - ' ' | | | |
| COMPOSORY | | 006 | | | cerest must 2 from them |
| CUMO9 3009 CUMO9 | | CUM 09300/ | | · · · · · - · · · · · · · · · · | 1115 25-30 G Louis |
| CUMO9 3009 CUMO9 | | PUM CAROUM | | ļ. <u> </u> | Print unit 21t Good Plans |
| CUMO9 3009 CUMO9 | | 008 | | | LHO & deruncarge, under |
| CUMO9 3009 CUMO9 | | CUN093004 | | | HAS 50 Came |
| CUMO9 3009 CUMO9 | | 009 | | <u> </u> | water of diddle next sees would |
| CUMO9 3009 CUMO9 | | | | - | Resewell Corner to EHS |
| CUMO9 3009 CUMO9 | | | | | 74 Gom Acer |
| Compassed | | 0// | | | Repar 20 all St from LHS |
| Comograph | | CUM09 3000 | | | Root Wall But a |
| Comograph | | 60109 200d | | | 3 ft Gonthon |
| Comogsopy Old Comogsopy Comogs | [| | | | Back of healer in fruit, |
| CUM 093009 O15 CUM 093009 C | | Cum093094 | | | 18 th COLORS |
| O15 COMOGRAM O16 CUMOGRAM CUMOGR | | 019 | | <u> </u> | acia. S' Scam Dids |
| COMOGRAN COMOGR | ľ | 015 DIS | | | Top of once to RT of |
| O/6 CUMO93509 BLANK BLANK The hollowy, to eff of CUMO93009 CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str CUMO93009 Do will Neither Wife Str Cumo93000 | | 201093000 | | | door (entiry reage) 41 |
| COMORSON CUMORSON CUMORSON COMORSON | _ 016 | | | |
| Comogsood Comogsood On wall vertical wife 5ff Comogsood Prom Mose of the lay of solver On 20 | | CUM093004 | | - | 120,449 |
| Comogsood Comogsood On wall vertical wife 5ff Comogsood Prom Mose of the lay of solver On 20 | <u>-</u> , | 0/7 10000000 | | | BLANK |
| 0/9 Promit Vertical Wife 5ff- Composition Prom More Affective over 120 Part co make of come | l' | 018 | | | In hollowy, to spt of |
| O17 Straight Virtical Wipe Straight Control of States of | | CUMO9 5001 | <u> </u> | | finge door use a) wall |
| O20 Text on Clarke of range Center of | | 0/9 | | | on wall vertical wife 5fr |
| Cester of |], | | | | Pest on make of come |
| | | 1/2-0 | | <u> </u> | Conter of |
| | | <u>. </u> | | | |
| | ĺ | | | <u> </u> | - |
| | | —— <u>—</u> | | | |
| | - 1 | | | | |
| | | | ·—·—·— | | |
| | | | | | |
| | | | | " | - |
| | | | | | |
| | | 1 | | | · |
| | | | | | |
| | _ | | | | 1 |
| | [| | | | - |
| | | | | | <u> </u> |
| | | _ 1 | | · | T |
| | | | | · | <u> </u> |
| | | | ļ | | 1 |

Posted to NGB FOIA Reading Room May, 2018

Released by National Guard Bureau Page 178 of 5269

BEST AVAILABLE COPY

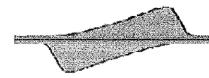
4. Comments:

Mailing/Billing I Client Name; Address 2:___ Address 3: __ Address 1:__ -AMA Analytical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

| ; | |) |
|---|--|------|
| | | つまりま |
| | | 4 7 |

(Please Refer To This Number For Inquires)

| 3. Results Reported To: | LABORATORY STAFF ONLY: (GUSTORY) 1. Date/Time RCVD: / / / / / / / / / / / / / / / / / / / | campassion 013 | CUM 643004 012 | Cum695004 011 | CAM 043004 010 | CUND43004 009 | 800 hassound | CON HOOSBOANS | Can 043004 006 | 500 houshours | LOO LOOCHOWN | CUN 083604 003 | CUM 643004 002 | CUMPTSOON DOI | CLIENT ID NUMBER | | Other (specify | O Crow Barbarian FI Al | ☐ EPA Point Count | PLM Bulk EPA 600 – Visual Estimate | Other (specify | ☐ NJOSH 7402 | PC MCE Porosity | TEM Air – Please Indicate Filter Type: | O NIOSH 7400 | PC MCE Porosityin a 25r | Asbestos Analysis | ☐ Verbals: | Date & Time Results Required: | 5. Phone #: | 4. Address 3: | | Address 1: | Mailing/Billing Information: 1. Client Name: Army N |
|-------------------------|--|----------------|----------------|---------------|--|---------------|--|---------------|---|---------------|--------------|---|----------------|---------------|---------------------------|-----------------------------|----------------|------------------------|-------------------|-------------------------------------|------------------------|-----------------------------|--------------------------------|--|-------------------|--|-------------------|---|--|---------------|----------------|---------------|--|--|
| orted To: | FONLY: (CUSTORY) RCVD: (CUSTORY) | | | | | | *************************************** | | | | | | | | SAMPLE LOCATION | SAMPLE ANALYSIS INFORMATION |) | (QTY) | (ALD) | mate(QTY) | | (QTY) | in a 25mm 37mm | ler Type: | (QTY) | ter Type: _in a 25mm 37mm | 3 | @ cell # | | | | on Grace MD 2 | Buy | ion: |
| | A B | | | | COMPANY OF THE PROPERTY OF THE | | THE PARTY OF THE P | | | | | | | | ESS) | | | く こ からん | | | Island (ALD) | | | TEM Dust | ٥ | 00 | TEML | ¥ Fax C | -\ @\ | Fax #: | | 21078 | | 5 |
| Via: | Via: SC | | | | | | | | | | | | | 1 | WIPE AREA TEM PCM F | | | a . | ☐ EPA 100.1 | ☐ ELAP 198.2/EPA 100.2 | Oual (pres/abs) | Quan. (s/area)Dust D6480-99 | Quan. (s/area) Vacuum D5755-95 | Dust /mrss/ahs) Vacuum/Dust | Residual Ash | ELAP 198.4/Chatfield NY State PLM/TEM | Bulk | & Fax Copy: Cindy therison @ fall 301 677 | gozfing Information (Results will be provided as soon as technically feasible): ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ | 5. | 4. | 3 | 2. | Sub |
| Date: ! () | By (Prin R) | spo | ns | ive | - 4 . | | | | | | | | | | LEAD OTHER | ANALYSIS | <i>3~</i> | ŕ | (QTY) | (YTQ) | (OTY) | (0) | | Dist (OTY) | (QTY) | (ALO) | | @ fa\# 301 67 | be provided as soon: $\Box 72 \text{hr} \Box 5 \text{ Day} + \Box 1$ | Submitted by: | Contact Person | Tob # | Job Location: Cumber | Submittal Information: 1. Job Name: Cumberlan |
| / 14 / 4 | | | | | | | | | | | | | | | (11) | MATRIX | e T | Ľ | ם כ | Miscell | Y | | 5 | | , [[] | o c | Lead A | 7132 0 | as technically feasible mmd. After-Hous* [| | | | V. 1.1. TV | 60 |
| Time: | | | | | | Date/Time: | | .48 | * \$\dag{2}_{\text{\te}\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\t | Date/Time: | | | | Date/Time: | WATER AND OTHER (L/ | | | Uther (specify | | Miscellaneous Analysis | Dust Wipe humace (wipe | Waste Water (QTY) | g Water | Soil/Solid | Air(QTY) | Paint Chip Dust Wipe (wine type | nalysis | Email Copy: | e): □24hr After-Hours* [| Signature: | @ phon | P.O. # | | |
| Initials: | | | | | | Contact: | | | | Contact: | | AMARIA MANAGAMANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARANA AMARA | | Contact: | (LABORATORY STAFF ONLY) | CLIENT CONTACT | A. Carren | (QTY) | (QTY) | | () () | 2 | (QTY) | (QTY) + | | -(QTY) | | 0 | ng Information (Results will be provided as soon as technically feasible): — □Immd: □24hr □48hr □72hr 15 Day + □Immd: After-Hours* □24hr After-Hours* □Late-Night* (*must be pre-schedules) = | | e# 301 677 30 | | TO THE PROPERTY OF THE PROPERT | |
| 25.5 | | | | | | By Y: | Rea | idin | | By: | | | | By: | BES | ST. | ΑV/ | | | E C | | 00 0 | | | FC | OTY) DIA F | Requ Rele | ieste asee | pre-schedules Red d by N | auo | IIai | Ouc | ושוג | 5 (MD Bureau of 5269 |



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 8, 2003

Laboratory Code:

RES

Subcontract Number:

NA

Laboratory Report: Project Description: RES 96061-1 None Given

P

None Given

Non-Responsive

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 96061-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIIIA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number: RES 96061-1

Client: Army National Guard IH - West

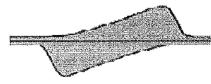
Client Project Number / P.O.: None Given Client Project Description; None Given Date Samples Received: July 30, 2003

Analysis Type: USEPA SW846 3050B / AA(7420)

Turnaround: 3-5 Day Date Samples Analyzed: August 4, 2003

| Client | I.ab | Saniple | LEAD | Detection | LEAD |
|-------------|------------|----------|---------|-----------------|---------------|
| ID Number | II) Number | Aren | (pg) | Limit | CONCENTRATION |
| | | (sq.ft.) | | (µg/sq.ft.) | (pg/sq.ft.) |
| PI Blank 1 | EM 800587 | 0.11 | BDL | 23 | BDL |
| PI Blank 2 | EM 800588 | 0.11 | BDL | 23 | BDL |
| PI Blank 3 | EM 800589 | 11.0 | BDL | 23 | BDL. |
| PI Rtank 4 | EM 800590 | 0.11 | BDL | 23 | BDL |
| Pf W16 | EM 800591 | 0.11 | 22.8 | 23 | 207 |
| PI W17 | EM 800592 | 0.11 | 14,2 | 23 | 129 |
| PI WI8 | EM 800593 | 0.11 | 56,2 | 23 | 511 |
| PI W19 | EM 800594 | 11.0 | 26.2 | 23 | 238 |
| PI W20 | EM 800595 | 0.11 | 10.1 | 23 | 92 |
| PI W2I | EM 800596 | 0.11 | BDL | 23 | BD1. |
| Pf W22 | EM 800597 | 0.11 | BDL | 23 | BDL |
| PI W23 | EM 800598 | 11,0 | RDL | 23 | BDL |
| PI W24 | EM 800599 | 11.0 | BDL | 23 | BDL |
| PI W25 | EM 800600 | 11.0 | BDL | 23 | BDL |
| Pf Blank 5 | EM 800601 | 11.0 | BDL | 23 | BDI. |
| PI Blank 6 | EM 800602 | 11.0 | BDL | 23 | BDL. |
| DK Blank 01 | EM 800603 | 11.0 | BDL | 23 | BDL |
| DK W01 | EM 800604 | 0.11 | RDL | 23 | BDL |
| DK W02 | EM 800605 | 11.0 | BDL | 23 | BDL |
| DK W03 | EM 800606 | 11.0 | BDL | 23 | BDL |
| DK W04 | EM 800607 | 0.11 | BDL | 23 | BDL |
| DK W05 | EM 800608 | 11.0 | \$200.0 | 23 | 47273 |
| DK W06 | EM 800609 | 11,0 | 107,0 | 23 | 973 |
| DK W07 | EM 800610 | 11.0 | 37.8 | 23 | 344 |
| DK W08 | EM 800611 | 0.11 | BDL | 23 | BDL |
| DK W09 | EM 800612 | 11.0 | 7.2 | 23 | 65 |
| DK WIO | EM 800613 | 0.11 | \$7.0 | 23 | \$18 |
| DK Blank 02 | EM 800614 | 0.11 | BDL | 23 | BDL |
| DK WU | EM 800615 | | | ample not submi | itted |
| DK Blank Q3 | EM 800616 | 0.11 | BDL | 23 | BDL |

Data Qa



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toli Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207 Invoice Date: August 8, 2003 Invoice Number: 96061-1

TERMS:

Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| Quantity | | Analytical P | rocedure | | Unit Price | Amount |
|----------|--|--|----------|---------|----------------|----------|
| 30 | RES Job #: Desc: Submitted By: P/O No: Contact: AA/ICP Metal | 96061-1 None Given Army National G None Given Non-Responsive | | 4125-02 | \$7.50 | \$225.00 |
| 30 | AAVICP Metal | Wipe | 3-5 Day | 4125-02 | \$7.50 | \$225.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | Invoice Total: | \$225.00 |

418-436-5471

RESERVOIRS ENVIRONMENTAL, INC.

96061 RES 2059 Bryant St., Donver CO 80211 RESI Job #: - PARE O Que Date: ____ _ 6\$ __ Dee Time: INVOICE TO: (IF DIFFERENT) SAMPLES SUPMITTED BY: CID NGB COMPANY USACHOPP PASSE PTYONE. Connect Page() Fax: Phens! destid. M. Damesta. Ormal. m. Project Himber andler P.O. # Project DescriptionAccessor. authorized by: After Hours/Weekend CHARGE: Amount 5 Additional leas apply for after hours and holidays for all analysis types. Sumples will be analyzed during normal laboratory hours unless otherwise arranged and specified on the chain of custody. Turnament is subject to laboratory volume. You will be notified if delays are ANALYTICAL METHOD ASDESTOS LABORATORY HOURS: Www.kdays: PCM 7400A, 7400B, OSHA AIR 7am - 7pm TEM AIREM. LOTALE, 7402, ISO, Printrate ISO Admini Prepa Etadeld THOU RUSH 20 Now PCMPLM MAIN ___ RCRA 6 AATEP_ Dust Total, Respirable 3-S week days TEM 6 HOW RUSH 24 hour PICE NAKO RECHARD IN TEM 6 HOW RUSH PLM Shartispert Conditional Point Count BULK: TEM 44, QUANT, SANS-QUANT Weekdays: METALS LAUGRATORY HOURS: **PCRAB** aahice ... Paint, Box, Over, Word, TCIP ___ 3-5 Cay _ SPECIAL RUSH 24 Huist AA (ASTM & 1792 Sproved Wyos ONA) TEM Dealing. Where Water WATER ___ SPECIAL RUSH 5 БУУ ___ 40 Dsy RORAB Madi____RCRA# AA Walar Dikiling, Wasia Water SPECIAL SUSH __ 5 Pay TOLP OTHER Specify_ PIN NORM REQUIRED BY SPECIAL RUSH MA, RORA OF TOUS RCRA and TGLP SPECIAL RUSH is 3 Day Turnstound Spaciationsbuchon FM # <u>Volume</u> Client Sample Number BLANK. 506 BLANK 115 BLANK 90 BLAHK4 -11 W16 $\epsilon_3 \gamma$ ا نيه Ø, W/8 ž. 1419 ŏ. 413 96 WH 10. 92 11. 417.7 -14 4123 64.7 W24 **43**. COU WZS 14. to. BLANK 15. (Lise as many additional cheets as nacded.) NOTE: if the package has surgined substanced durings or the cushedy seed to bridge, stop and control project managed and subper. RESI will employ branches based upon blumpation facebased with those samples. Will be not responsible for enters or employed in colour from the language of enters of enters are 2003 based upon times of the Relinquished By: Laboratory Uso Only Received by: Condition of package in sectory sectors on receipt Carleti Time initials Dote Contact Phone Fax RUSULTS: Lab BenefuCount Sheets Revolved By: Authorization By/Time: SPLITS: Analytical Mathod/Turnaround: Results Out: Results Due: ቂያ ለፍለን

Phone: (151) 944-1950 Text (153) 417-4215 WATS: 1464-RESIENV (757-4165) PAGER: ONCALL Pager number evaluate at Lab. Alternate Pagers: PLWTEN 659-2187 PCM/Metals 598-2998 (AFTER HOURS USE ONLY)

RESERVOIRS ENVIRONMENTAL, INC.

2053 Bryant St., Denver CO 60211 RESIJOBA: 016061 - CMGE 2 Oue Deter Due Time: INVOICE TO: (IF DIFFERENT) SAMPLES SUBMITTED BY: BE NEB Company, U.S. ACHTAL Address; Far. Phone. Conset for Phone: Çegbet: Project Number and or P.O. to Project Descriptions Activities; paredd. army mil Authorized by: Alter Hours/Weekend CHARGE: Amount \$_ Addisonal fees apply for uffer hours and halidays for us analysis typus. Samples will be analyzed during normal laboratory hours unless otherwise arranged and specified on the chain of custody. Turnaround is subjust to suboratory volume. You will be notified if delays are ANALYTICAL METHOD ASBESTOS LABORATORY HOURS: Wookdays: PCM 7100A, 7100B, OSHA 7am - 7pm TEM ANERA LOYAL 7402, 150, Presians isomorest Prepa Chabist POMPLM _ 2 Hour RUSH ____ 24 hour 3.5 weekstys AATIOP ... _ Messi __ Dust Yotal Respiration E HOW RUSH 24 hour 5-5 workdays Prix Notes RECURRED for TEM 6 HOW HUSH FLM Short report. Long report. Point Count BULK: TEN +1 COM Semi-greek Weekdays: METALS LABORATORY HOURS: ##m - 5pm Point Soil, Dust (G) YOLF ___ 3-5 0 27 SPECIAL AUSH AA, _ 24 Hour (AUTHA E 1782 opproved wipes city.) WATER TEM Drinking, Wasto Works _ 10 Day RCRA 0 __ Special Rush _ Merel ___ RCRA N AA Water Drinkling, Waste Walle TCLP __special rush __sday __10 C Drivinger requires by special rushar rora in TCLP _ 10 Oay TOLP OTHER RCRA and TOLP SPECIAL RUSH IS a Day Turnstound Second Institutions TW P Volume Cilent Sample Number PT BLANK 6 DK BLANK OF CE DK WOI CEV102 uv3W04 O6ككنيد W06 DΑ WOI DK WOB 10. wog 11, 12. WIQ BLANK OZ 13 WIL 14, BLANK 03 (Use as many additional abosts as nooded.) NOTE: If the postage has sectioned authorized durnous or the ministery said is broken, stop and contain project manager and abippior. Right will analyze incoming complete business of upon stramation received with more complete. Right and respectable for interfaces in matrix-scene received with more complete. Right and respectable for interfaces in matrix-scene from the interface of orders of control of the c pased upon Gres of receipt q 2003 Rallnguished By: Laboratory Uso Only ostutions: Received By: constant productively and upon receipt Carrier Inkiala Time Date Phone Fax Contact Page RESULTS: lab Bench/Count Sheets Received By: Authorization By/Time: SPLITS: Date: Analytical Mounod/Tumaround: Hime:

Propertion scenare Facility 477-475 WATS: 1-668-RESI ENV (137-4164) pager: Oncoll Pagar number available at Lab. Americad Pagersi Plimtem schafts? Permissas edg-2018 (after Hours use only)

Results Out:

cci (4720)

Results Duot

| DKW(0 | DK W09 | DKW08 | DKW07 | DKW06 | OJK WOS | DK W04 | DKW03 | DKW02 | DKW01 | | Wipe Sample # | | | | | | | |
|-------------------------------|---|--|---------------------|---|--|--------------------------------|--|---|-------------------------------------|-----|---------------------|-------------------|--------|-------|------|---------------------|--------------|------------|
| Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | | Armory | | | | | | | |
| Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundalk | Dundałk | Dundaik | Dundalk | Dundalk | | City | | | | | | | |
| _ | | - | | _ | | - | | ┝ | | 8 | Active | | | | | | | |
| | | | - | | | | | | | r | Inactive | Indoor Range Info | | | | | | |
| | | | | | | | | | | | N/A | n agn | | | | | | |
| | | | | | | | | | | No | Cleaned? | ð | | | | | | |
| Operations Office window sill | On top locker in one room of mailroom/personnel ffice | Mail Room/Personnel Office/ Floor under window | Worktable in garage | Old IFR near light pointed toward bullet trap | Old IFR Bullet Trap area being renovated | Anti Armor Platoon Office wall | HHC orderly office on floor under window | Horizontal wall near refrigerator and window in kitchen | Top of Refrigerator in Kitchen area | | Location of Samples | | | | | | | |
| 518E | ි; T A | BDI≾ | 34 | 973≝ | 47278 | BDI≿ | BDL | BDL | BDL [™] | DIA | Conc.u Requi | este sed | d Reco | ord a | #J-^ | 15-0 Gua e 18 | 0085 rd B | 5 (Bui |



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Client: Address: National Guard Bureau

Attention: Havre de Grace, Maryland 21078 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation

Job Number: P.O. Number: Job Location: Job Name: Not Provided Dundalk Clear Not Provided Dundalk Armory Chain Of Custody: Person Submitting: Date Analyzed: Date Submitted: 6/1/2006 6/1/2006 150787 Report Date:

01-Jun-06 Page I of 2 Requested Record #J-15-008 (MD)
Released by National Guard Bureau
Page 186 of 5269 FOIA Requested Record #J-15

Summary of Atomic Absorption Analysis for Lead

Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Limit Final Result Comments

AMA Sample

Number

20060530DUNO: 20060530DUN02 20060530DUN08 20060530DUN07 20060530DUN06 20060530DUN05 20060530DUN04 20060530DUN03 Flame Flame Flame Flame Flame Flame Flame Flame Wipe Wipe Wipe Wipe ** *** *** *** *** *** *** *** 0.111 0.111 0.111 0.111 0.111 0.111 0.111 0.111 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 ug/ft² ug/ft² ug/ft² ug/ft² Λ Λ ٨ ٨ 110 110 110 110 110 110 110 110 ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug/ft²

BEST AVAILABLE COPY

0654071 0654065 0654070 0654068 0654067 0654062 065406 0654060 0654069 0654066 0654064 0654063 20060530DUN12 20060530DUN10 20060530DUN09 20060530DUN1 Flame Flame Flame Flame Wipe Wipe Wipe Wipe Wipe ** *** *** 0.111 0.111 0.111 0.111 108.01 108.01 108.01 108.01 ug/ft² ug/ft² ug/ft? ug/ft³ ug/ft² 110 150 130 120 ug/ft² ug/ft² ug/ft² ug/ft² ug/tt:

BEST AVAILABLE COPY

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Client: National Guard Bureau Job Name: Dundalk Clear Chain Of Custody:

State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 Job Location:

Address:

Job Number: Not Provided

P.O. Number:

Not Provided

Dundalk Armory

Date Submitted:

6/1/2006

Person Submitting:

Date Analyzed:

6/1/2006

Report Date:

Requested Record #J-15-003-000D) Released by National Guard Bureau Page 187 of 5269

01-Jun-06

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

Air Volume

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

mg/Kg = parts per million (ppm) by weight

ug = micrograms

ug/L = parts per billion (ppb)

mg/L = parts per million (ppm)

Area Wiped

Reporting

associated with these samples

Final Result

Comments

See QC Summary for analytical results of quality control samples

BEST AVAILABLE COPY

%Pb = percent lead by weight

N/A = Not Applicable

AMA Sample

Client Sample

Analysis Type

Sample Type

Attention:

Air and Wipe results are not corrected for any blank results

Analys

lespons

Note: All results have two significant digits. Any additional digits shown

Note: All samples were received in good condition unless otherwise noted.

should not be considered when interpreting the result

Technical Manager: on-Respons BEST AVAILABLE COPY

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laborates. ed to NGB FOIA Reading Room

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved, AMA Analytical Services, Inc.

NVLAP, NIST, or any agency of the Federal Government.



AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 12991

Analysis Typo:

Plante

Sample Type:

Wipe

Analysis Date:

6/1/2006

| | Ro | ault | Percent Recovery | ርባዝ | Comment |
|---|--------------------|----------------|---------------------|-------|--------------------------|
| Properation Blank Report Limit Verification Sample | -0.018 0.354 | ի նա | 106.3% | | Acceptable Acceptable |
| Expected Spike Level (ppm) 0.333 Duplicate Sample 1 Duplicate Sample 2 Matrix Spike Analysis | | mg/Kg mg/Kg | | | Acceptable |
| Spiked Sampte Spike Duplicate | | | 94.64% | | Acceptable Acceptable |
| Luboratory Control Sample 1 Loboratory Control Sample 2 | 210.536 286.071 | hR h8 | 96.16% 99.19% | 3.10% | Acceptable Acceptable |

Calibration Information

0.999783 Correlation of Calibration Curvo:

All calibration verification samples are within acceptance fluifs.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number

150787

54060

20060530DUN01

150787

54061

20080530DUN02

SDG Number:

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150787 | 54062 | 20060530017N03 |
| 150787 | 5-1063 | 2006053QDUNO4 |
| 150787 | 54064 | 20060530013N05 |
| t50787 | 54065 | 20060530DDN06 |
| 150787 | 54066 | 20060530013N07 |
| 150787 | 54067 | 20060530000008 |
| 150787 | 54068 | 20060530DUN09 |
| 150787 | 54069 | 20060530LRIN10 |
| 150787 | 54070 | 20060530(20)N11 |
| 150787 | 54071 | 20060510DUN12 |
| 150787 | 54072 | 20060530DUN13 |
| 150787 | 54073 | 20060530DUN14 |
| 150787 | 54074 | 20060530DUN15 |
| 150787 | 540.75 | 20060530010N16 |
| 150787 | 54076 | 20060530DDN17 |
| 150787 | 54077 | 200605301)(NT8 |
| 150787 | 5407B | 20060530DUNI9 |
| 150787 | 54079 | 20060530DUN20 |

SDG Number: 12991 Page 2 of 2

CHAIN OF CUSTODY

AMA Analytical Services, Inc.AIHA (#100470) NYLAP (#101143-0) NY ELAP (10920)
4475 Forbes Bivd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com (Please Refer To This Number For Inquires)

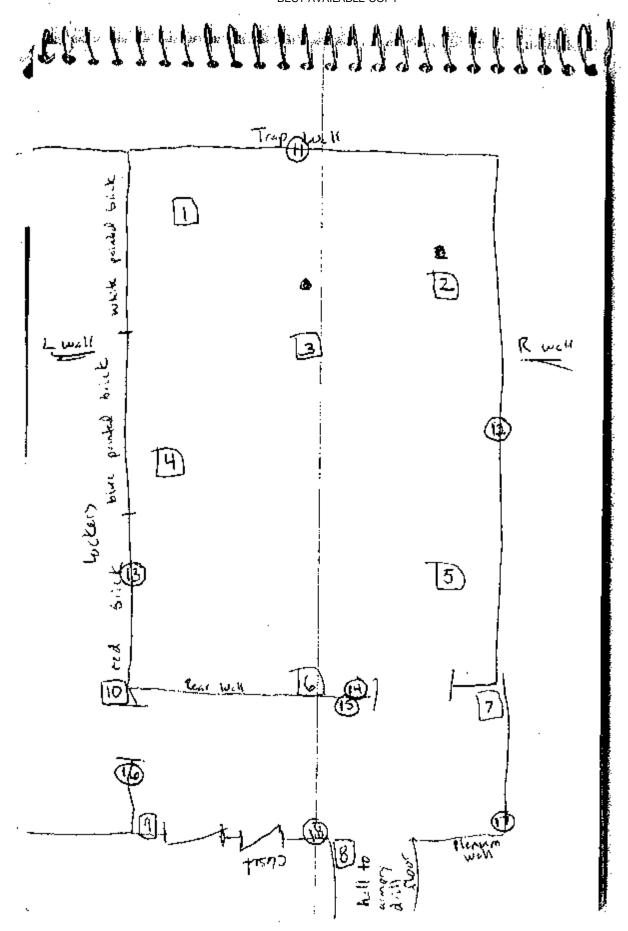
| | ∑ Initials: | e: At In Jahre Co | . Time: | B | | 12 | ि | UCDate: 2) (c) | | Via: Univide | Via:∉ | | | | | | To: | Reported | 3. Results Reported To: | |
|----------------------------|---|---|-----------------------------------|--------------|-------------------|--|----------------|----------------|----------------------------|---|------------------------------|---------------------|--|----------|--------|---------------|---|----------------------------------|--|---------------------|
| | | | | | - orgin | | | | 9 | | | By (Print): | | (e) | | | zed: | me Analy | 2. Date/Time Analyzed: | |
| , | | Sign | 23 12555 v. | | | | | ion-Respo | .↓ By (Print) | | 1 Ex | 5 | @1025 Via: Lect EX | @102 | 18 | | 1. Date/Time RCVD:// | me RCVI | 1. Date/Time RCVD: | |
| stec 1ay, 2 | | | | | | | ~ | 15IVE | | | | | | | | | T (CIT) | 11,200 | 13 CONTRACTOR STATE | 200/05 |
| d to 2018 | | *************************************** | | | | Ĺ | · | | | | | | | -o-man | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | W | 12 | €. |
| NG | ŀ | , 45° | | | | | - | | | | | | | CECCO | | | | W. | | |
| 3 FC | | | | | | | n en f | | | | | | | Pawe | | | 96 | 189 | 2006053000010 | 20060 |
| DIA | Contact: Bv: | ate/Time: | | | | | | | | 5133 5133 633 633 633 633 633 633 633 633 633 | | | | 3 | | | | / | 8 | < |
| Rea | | us _i | | | \dashv | | | | j | ر أو | | | | | 1. N | -1465 -151 | | aminolo: | 80 | 187,500 |
| ding | *************************************** | | | | | | | | | | | | | | | r. | | | 2006530DUNOO7 | 200005 |
| j Ro | | | | | | | | | | | | | | | | | j. M | | W 06 | < |
| om | Contact: Bv | Date/Time: Co | | | | | | | | | | | | | | | Ţ.K | |) 05 | |
| | | | | | | | u ₀ | | | | | | , | G82*** | | nana | | | 30000004 | 250/605 |
| | | | | | | | | | | | | | | | | | | | ₩ 03 | 4 |
| | | | | | | | | | | - | | | | | | | | | 02 | |
| | Contact: By: | Date/Time: C | | | | / * | X | | | X | | | | EX. | 65 | 5 30 0% | 1007 | \$3.6 \$3.6 \$4.6 \$4.6 | 200605300000 | 20060 |
| BEST | ONTACT (STAFF ONLY) | CLIENT CONTACT (LABORATORY STAFF ONLY) | SWAB | TAPE | SPORE TRAP | MATRIX SATER AND THE SATER AN | BULK | AIR | MOLD | LEAD | PCM ANALYSIS | TEM | | ME W | VOLUME | DATE | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION DA | | CLIENT ID NUMBER | zΩ |
| AV | | | | | | | | | | S | iples | ater san | (TEM water samples | _ | | (QTY) |) | | Other (specify | 10 I |
| | Ce Vacuum Dust | Tape (QTY) Other (Specify Other Specify | ☐ Surface Tape_ | ρc | Äζ | ise not | otherw | n unles: | conditio | poos ui | eceived i | mples r | All samples received in good condition unless otherwise noted. | | | STO STO | [(QIY) | LAP 198. | Grav. Reduction ELAP 198.1 | ට (ඉ දි |
| ABLE | (QTY) | rap(QTY) | Spore-Trap | ۇ وور | | | , | 1 | (QTY) | [| | 00.1 | □ EPA 100.1 | 1 | | (5.17) | | Estimate_ | DEPA Point Count | |
| E CC | | Mold - Direct Microscopic Apalysis | Direct | Mala: | | | _ | | - L(Q17) | 3 | 38) - 100 | (pres/at 198.2/I | U ELAP 198.2/EPA 100.2 | | | | 2 | | 1 600 Vincel | PLM Bulk |
|) (2) (3) (4) |) | umace (wipe t | Dust Wi | | | | , | | - 1 | | | | TEM Water | Œ | | (VIY) | .(211) | | Other (specify | 55 Dt |
| | | g Water (OTY) | ☐ Drinking Water ☐ Waste Water | 00 | | 3 | | | 7-95 | 5480-99 |) vacuu:)Dust De | (s/area) | Quan. (s/area) Vacuum D5 /55-95 Quan. (s/area)Dust D6480-99. | ۰,, | | | 35 | (YTQ) | O AHERA | |
| | | [S] | O TCLP | | | ; | (QTY) | | LST. | um/Dus | Qual. (pres/abs) Vacuum/Dust | (pres/at | Qual | | | | in a 25mm 37mm | e Filter Ty | TEM Air - Please Indicate Filter Type: PC MCE Porosity in a 25n | TEM Air - |
| F | | III (QTY) | ☐ Soil/Solid | | | | | | Ξ | | | ne C ma | TEM Dust | | | | (QTY) | [Q | ☐ Fiberglass | O Fit |
| FOIA | 20 (QTY) | (wipe t | Dust Wi |] [] | | ٠ | , | (ALD) | 3 | | MAIN | tate PLI | NY State PLMTEM | | | | in a 25mm 37mm (OTY) | in a | PC MCE Porosity_ NIOSH 7400 | □2 2 × |
| Req Rele | | hip | Lead Analysis Paint Chip | Lead A | | | *y. : | (QTY) | | ľ | hatfield | 198.4/0 | TEM Bulk □ ELAP 198.4/Chatfield | Œ | | | | te Filter Ty | Asbestos Analysis PCM Air – Please Indicate Filter Type: | Asbestos PCM Air |
| uesi ease | 0 | Copy: | ☐ Email Copy:_ | | | | | * | .@ fax#_ | | | | Tax Copy: _ | | | | _@ cell # | | S | □ Verbals: |
| di Georgi Re ed by N | t* (*must be pre-sche | g Information (Results will be provided as soom as technically feasible): _ □ Immd. 1 24hr □ 48hr □ 72hr □ 5 Day + □ Immd. After-Hours* □ 24hr After-Hours* □ Late-Night* (*must be pre-schedules) | (e): □24hr | feasibl | ically fter-Ho | techn md. A | + □In | led as: | Divozic | | tesults r □48 | Mark Mark | Reporting Information (Results will be provided as soon as technically feasible): ○└/ऽ ☐ Immd. M24hr ☐ 48hr ☐ 72hr ☐ 5 Day + ☐ Immd. After-Hours* ☐ 2 | Southor. | ⊚ | 10 | 中Please include COC/field data sheets with results Date & Time Results Required: (ケース・/(シン) | /field dat equired: | ☐ Please include COC/field data sl Date & Time Results Required: | □ Please Date & T |
| | | Signature: | į l | | | | | by: | Submitted by: | . Sub | 5 | T | 0254 | 0 942 | 2 I | Fax # | 6273 | 942 0 | Phone #. 410 4 | 5. Phon |
| | 942 0273 | @ phone # 410 | | | | | | rson: | Contact Person: | • | - | | | | | | | | | 4. Addr |
| | | # | ₽ P P | - | | | | | * | | ا ز دىي | | | | | | 21018 | | Address 2: 보호 | |
| | 00.71111 | | | 010 | Aimory | 7 | Dr. KAN | ۱. | Job Location: | Jo. | , | | | | ويح | Y 1 | JUG : 30 | in the | Address 1: 201 | 2. Addr |
| 5 (ME Burea of 526 | | | | S | Fleer | ñ | On: | mat | omittal Infor Job Name: | Job | - co | | | | x | *** | Raiso V | ormation: | Mailing/Billing Information: 1. Client Name: ひらる | Mailing/ |

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| | | | | | | | | | | BES | AVAILABLE COPY |
|---|----------------------------------|--------|-----|------------|-----------------|--------------|---------|---------------|-----|--|--|
| 1. Date/Time RCVD: 2. Date/Time Analyzed: 3. Pare/frime Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) | | | | 20066530 WW20 | 200630000 18 | \$ ¥ 17 | 2006053000016 | 1 1 | CLIENT ID NUMBER | 2. Address 1: 201-14 010 Bry 2. Address 2: HAO VXD 21078 4. Address 3: 410 492 0273 F. 5. Phone #: 410 492 0273 F. 5. Phone #: 410 492 0273 F. 6. Please include COC/field data sheets with results Date & Time Results Required: // // // // // Corbals: @ cell # (QTY) Date & Time Results Required: // // // // // // // // // // // // // |
| RCVD:/_Analyzed:/_ | FONLY: (CUSTOD) | | | | BLANK | STANK | | | | SAMPLE INFORMATION SAMPLELOCATION DA IDENTIFICATION DA | 701/d 3-707/g 21/7/g 25/mm 37/mm (QTY) (QTY) (QTY) (QTY) |
| | 5 | | | | | + | ┞ | | | DATE | Y Law 8 8 8 |
| | | | | | | | | | | VOLUME | |
| (a) | - | | | | | Z _ | | | | F- | TEN |
| Via: | | | | | | \$ | | | | AREA | 742 6254 rting Information Immd Xi EM Bulk Chap 198 NY State I Quan. (s/a) Quan. (s/a) Qual. (pre: Qual. (pr |
| By (Print): | | | | | | | | | | TEM | P 199 State dual. 1. (pre n. (s/c n. (|
| nt): | - | | | | | | - | | | PCM PLM | /Chatfie M/TEM hr 14 Chatfie M/TEM h 20 Chatfie M/T |
| | - | | | | 4 | - | - | | | X IEAD E | 3. Job #. 4. Conta 5. Submi 6. will be p 1. ld 1 |
| By (Print): | | | | | | | | | | MOLD | Job Name: Job Location: Job #: Job #: Job #: Job #: Job Location: Job #: Job Location: Job Location: Job Location: Job Location: Job Location: Job Location: Job Location: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job Location: Job #: Job #: Job #: Job Location: Job #: |
| | | _ | | | | | | | | AIR | ion: D io |
| | | | | | | | | | | $\sqrt{\frac{BU_{L_K}}{}}$ | Dundle Stoures Stoures Y+ Im Y+ Im (QIY) |
| | | | | | | | | | | DUST. | I tas recumucany reasible): Ilmmd, After-Hours* 2 2 En Ilmnd, After-Hours 2 2 En I tead Anal 2 En I Du 2 En I |
| Sign: | | - | | | | | | | | SPORE TRAP | Armory Lead Lead Mole |
| | | | | | : | | 1 | | _ | TAPE | PO. Si |
| | | | | | | | | | | SWAB | P.O. # |
| Sign: | | | | Date/Time: | | Date/Time: | | | | (LABO) | Hour Hour |
| | | | | Contact: | | Contact: | | | | (LABORATORY STAFF ONLY) Contact: | S* []Late-Night* (*must be pre-schedulæg by National Released by National Page 191 of [QTY] [QTY |
| | | | | By: | | By: | - | | | R | QTY) |
| | | ted to | NGE | FOIA R | teadin g | l R∳on | n | | | BES | FOIA Requested Record #J-15-0085 Released by National Guard B |

| | Dundalk 5/30/06 |
|--------------|--|
| 1006053 | 0X10 |
| (i) Fl | our, 4 from Trop well, 5 from L well |
| (2) | 10' from Trop well, 5' from Rwell |
| <i>(3</i>) | 18' from Trep well, contact , on tile |
| <i>⑤</i> | 34' from Trop well, 3' from I will |
| 6 | 60' from Trop well, I' from RwM |
| . © | adjusted to rear well, contered |
| D) | adjust to rear wall, 6" from Rwell |
| E | I from plenum wall, adjust to L with hillings |
| (D) V | (6" from plenem well, 6" from L well (lacker area, 1' to R of doorway (locking into locks) |
| will will | trop will, centered, 3' from floor, in exhaust have ®, 30' from trop will, 6' from floor |
| D Mall | O, 66' from trop well, 6' from thou |
| (4) mell. | rear, 10' from R well, 5' from floor, next to lightsouth |
| (5) Wally of | -car (attension), 1" L of placement into range wice, I from |
| 🍥 Will, | D, I from please well, 3' Som Soor |
| (1) Wall, | (1) adjust to please well, 3' from Place |
| (18) Well, | D, adjust to please well. 3' from Plan from from planen. Ros Door as exiting range into bellivey, 7' |
| 1917 | ALLELLIJJALLELJIL |



AMA Analytical Services, Inc.AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| 4. Comments: | 3. Results Reported To: | Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:// | 2006053070603 | 7 4 12 | | 20060530700210 | 10 W W 65 | 1 1 08 | 7606053670007 | 4 4 4 66 | 1 1 65 | 2006053070WOY | 50 A A A A | 1 1 1 02 | 200605300000 | | Other (specify | Grav. Reduction ELAP 198.1 | EPA Point Count | PLM Bulk D EPA 600 - Visual Estimate | Other (specify | □ NIOSH 7402 | PC MCE Porosity | TEM Air - Please Indicate Filter Type: | ☐ Fiberglass | PC MCE Porosity | PCM Air - Please Indicate Filter Type: | Asbestos Analysis | O Verbals: | Date & Time Results Required: | | phone # 4/0 942 | Address 3: | Address 7: | . 38 | ₹ | www.amalab.com |
|--------------|---|---------------------------------------|--|---------------|--------|--|----------------|--------------|--|---------------|----------|--------------|---------------|------------|--|--------------|---|-----------------|---|-----------------|---------------------------------------|-------------------|-------------------------------|--------------------------------|--|--------------|--------------------|--|-------------------|---------------|--|--------------------|-----------------|-----------------|--|----------------------|-----------------------|------------------|
| \$ | ported To: | Analyzed: | RCVD:/ | Wall | المداا | 7/20. | < | / | | | | | | | | Flower | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA |) | P 198.1 (QTY) | (QTY) | |) | (QTY) | _ in a 25mm 37mm | iter Type: | (QTY) | | lter Type: | | @ cell # | nired:/ | d data sheets with | 0273 | | 0 | 路の土 | Region | |
| | | | (Xac | 4 | | | | | | | | | | | | 5/30/06 | ATION VOLUME UDATE (LITERS) | (Q1Y) | _(QTY) | | (QTY) | (QTY) | | | | | | | | | (e) | | Fax # 4/10 " | | , | Bay Lane | Jorga III | |
| | | By (Print): | @Via: | * | | | | | | | | | | | *** | h× h | WIPE AREA | | (TEM Water samples | □ EFA 100.1 | ☐ ELAP 198.2/EPA 100.2 | Quai. (pres/abs). | TEM Water | Quan. (s/a | Qual. (pres | TEM Dust | ONY State PLIVITEM | ☐ ELAP 198.4/Chatfield | TEM Bulk | ☐ Fax Copy: | ☐Immd 🔀 | Ħ | HS20 249 | | | | | |
| | Vīa: | Print): | Ву. | | | | | | | | | | | | | | PLM SIS | | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | (7.17) | 2/EPA 100.2 | | U Quali. (Natea)Dust Doreo-37 | Quan. (s/area) Vacuum D5755-95 | Qual. (pres/abs) Vacuum/Dust | | LVV LEM | .4/Chatfield | | (6 | □lmmd. 🔀4ltr □48ltr □72ltr. □5 Day + □lmmd. After-Hours* □24ltr After-Hours* | Results will be pr | | | 3. Job#: | 2. Job Lc | 1. Job Name: | Submittal |
| | Date: | | By (Print): | | | | | | | | | | | | | | MOLD AIR BULK | | adition unless otherw |) | (QTY) | (QTY) | | S (QTY) | (QTY) | | 3 | (VTV) | | @ fax # | ur □5 Day + □Im | ovided as soon as | Submitted by: | Contact Person: | THE THE TAXABLE PROPERTY. | Job Location: Towson | 1. Job Name: (ow.so) | Information: |
| | | Sign: | | | | | | | | | | | | | | / | SPORE TRAP | MARRIA | 1 | | Mold | | | | ıa | | ការ | 3 c | Lead | | und. After-Hours* | technically feasil | | | | Armery | · (010) | , |
| | Time: | | Sign:_ | | | | | Date/Time: | | | | Date/Time: | | | | Date/Time: | SWAB | | Surface Tape | | ideoseo. | | Dust Wipe Furnace (wipe type | O Drinking Water Waste Water | TCLP | Solid | DAir | Paint Chip | Lead Analysis | ☐ Email Copy: | □24hr After-Hou | 110 | | (e) | P.O. # | (OW) | ?lear | |
| | Initials: | | | | | THE RESERVE THE PROPERTY OF TH | | ie: Contact: | THE PROPERTY OF THE PROPERTY O | | | ne: Contact: | | | All the second of the second o | le: Contact; | (LABORATORY STAFF ONLY) | CI PENT CONTACT | (QTY) Other (Specify | O Surface Vacu | ic Amalysis OTY) D Bulk (OTY) | | (wipe type) | (OTY) | (QTY) | (QTY) | (OTY) | COLD (SLD) | | @ | rs* | No | n-Res | phoge # San | ALLES OF THE PROPERTY OF THE P | | 5 (M Bure | |
| | | | | oste av, 2 | | | B F(| By: | Rea | din | g Ro | By: | | | | Ву: | BEST | ГΑ | | | LE (| COF | (X10) | | | ı | FOI | AR F | tequ Rele | ues ase | re-scheduleday | Re y Ná | ation | #J- nal | 15- Gua | 008 ard 94 (| 5 (M Bure of 52 | ID) au 269 |

4. Comments: _

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham. MD 20706

4475 Forbes Blvd. • Canham. MD 20706

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| 2. Date/Time Analyzed:/ 3. Results Reported To:/ | 1. Date/Time RCVD: | I ABOBATORY STAFF ONLY: (CUSTODY) | | | | | | | 2006023010m1/ 15/4/27 | i ki | 1 0 | A 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | SAMPLE INFORMATION SAMPLE LOCATION DATE | Grav. Reduction ELAP 198.1 (OTY) | EPA Point Count (OTY) | ual Estimate(Q | 7402 | PC MCE Poresty in a 25mm somm | T – Please Indicate Filt | (QTY) | PCM Air - Please Indicate Filter Type: pc M/F Barrysity in a 25mm 37mm | \nalvsis | Date of 11110 resums responses | a sheets with results | Phone # 410 942 0273 Fax #. | Address 3: | Address 2: HAR MD 210 | A0 FI- 19 | ailing/Billing Information: | www.amalab.com | (301) 459-2640 • (800) 346-0961 • Fax (301) 439-2645 |
|---|--------------------|---|--------|------|---|--------------------------|-----|-------|---------------------------|------|-----|--|--|----------------------------------|--|------------------------------|-------------------------------|----------------------------------|------------------------------------|----------------------|--|---------------------------|--------------------------------|--|-------------------------------|------------|-----------------------|---------------------------|-----------------------------|----------------|--|
| Via: Date: / | By (Print): | | | | | | | | | | | 7 XT | VOLUME WIPE ANALYSIS VOLUME WIPE AND ANALYSIS (LITERS) AREA TEM PC NL LEAD OL AR BULK STREET (LITERS) AREA TEM PC NL LEAD AND AR BULK STREET (LITERS) AREA TEM PC NL LEAD ANALYSIS | (TEM Water samples°C) | All samples received in good condition unless otherwise noted. | ☐ ELAP 198.2/EPA 100.2 (QTY) | (OTY) | Quan. (v/area)Dust D6480-99(QTY) | D Qual (pres/abs) Vacuum/Dust(QTY) | Li Residual Ash(QTX) | LI ELAP 198.4/Chatfield (QTX) LI NY State PLM/TEM (QTX) | TEM Bulk | ☐ Fax Copy: @ fax # | keporang imormation (Accurate was the professor as 2004 and After- | 4/0 440 0254 5. Submitted by: | | 3. Job#: | 2. Job Location: 1000 Arm | H 1. Job Name: Towson (614) | | |
| / Time: Initials: | Sign: | A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A SALAMATA A | sted 1 | to N | G | Date/Time: Contact: By A | Rea | ading | Date/Time: Contact: By: 6 | | | Date/Time: Contact: By: | STR P AB (LABORATORY STAFF ONLY) BE | i | (OTY) Other (Specify) | scopic A | Dust Wipe Furnace (wipe type) | TY) | Vater (Q' | O Soil/Solid (QTY) | LINY State PLM/TEM (QTY) | Lead Analysis (OFV) Red | ☐ Email Copy: | Hours* 124hr After-Hours* 1Late-Night* (*must be pre-scheduled) | v (easible): | © Phone # | P.O. # | 5-00 under | () ((car | MD) | |

0654078 0654077

20060530DUNZ0 20060530DUN19 20060530DUN I 8 9654076 0654075 0654074

20060530DUN17

Flame Figure Flame

¥.

*

0.111

108.01

ug/∰

Α Λ ٨ Α ٨

10

108.01 10.801

Flame

Wipe Blank Wipe Blank 20060530DUN16

0654071 0654070 0654069 0654068 0654067 0654066 0654065 0654064

20060530DUNI2 20060S30DCN11 20060530DCN10

> Wipe 14. 14. Wipe Person

> > * * # × :

> > > 108.01

ន 110

ag/ft Hagu Hg/ft? ng/ft ng/ft

쯩

108.01 108,01 108.01 108.01 108.01

> ٨ Α Λ Λ

10

5

108.01 108.01

108.01

ng/it ng/Ω≓ W. 1.3 FF FF 侵挖 E6,43 먑다 ng-fa

=

ng/ft h@Ją

3 3

> ng/ft ug/fi

N'ibe K ipe

0654073 0654072

20060530DUN14 20060530DUN13

Flame Flame Flame Flame Flame Flanc

Flame

: i 1 : *

0,71 0.1 2 11.0 0.111 0,113 11.0 0.111 0.111 0.10

10.301 108.01 108.01

5 5

20060530DUN15

20060530DUN09

0654063

20060530DUN0S

20060S30DUN07 20060530DUN06

Flame

Flame Flame Flame

11.0

ug/ft.

74

108.01

108.01

20060530DUNO8

Flame Flame

> Wipe 5. 1. ¥ipe Wipe

¥.

20060530DUN03

20060530DL/N02

Flame

20060530DUN04

0654061 0654062

Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

| Attention: | Havre de | Address: 301-8H C | Client: National | |
|----------------|--------------------------------|--|-----------------------|--|
| | Havre de Grace, Maryland 21078 | 301-IH Old Bey Lane, Atm: NGB-AVN-SL State Military Reservation | National Guard Bureau | |
| P.O. Number: | Job Number: | Job Locations | Job Name: | |
| Not Provided | Not Provided | Dundalk Armory | Dundalk Clear | |
| Date Analyzed: | Person Submitting: | Date Submitted: | Chain Of Custody: | |
| 6/3/2,006 | Non-Red | 6/1/2006 | 150787 | |
| Report | | • | | |

| _ | |
|--|--|
| ≍ , | |
| ➣ | |
| 5 | |
| Ĭ | |
| Ĕ٠ | |
| | |
| 2 | |
| 3 | |
| 2 | |
| 3 | |
| Ď. | |
| ₽ | |
| _ | |
| 7 | |
| 3 | |
| ÷ | |
| Z | |
| ζ, | |
| Ξ, | |
| ¥ | |
| À | |
| è | |
| | |
| 2 | |
| of Atomic Absorption Analysis for Lead | |
| ad | |
| ad. | |
| ad | |
| ad | |
| ad | |
| 20 | |
| 20 | |
| ad | |
| ad | |
| 2d | |
| 2d | |
| ad | |
| ad | |
| | |
| | |
| | |
| | |
| ad Page 1 of 2 | |
| | |

| | ug/ft: | 110 ug/fi | ₩3 ^ | .01 ug/fi | 301 | 11170 | *** | Wipe | Flame | 20060530DUN01 | 0654060 |
|--|--------|--------------|---------|-----------|--------|------------|--|-------------|---------------|---------------|------------|
| The second secon | | | | | | | *************************************** | | | | |
| | | | | Cinci. | | 3 | £ | , | | Number | Number |
| Comments | ur. | Final Result | | Reporting | | Area Wiped | Air Volume | Sample Type | Analysis Type | Client Sample | AMA Sample |
| Page 1 of 2 | | | or Lead | ysis fo | n Anai | Absorptic | Summary of Atomic Absorption Analysis for Lead | Summary o | | | |

this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar produces. As a mutual grotection to clients, the public and these Laboratories

hability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, onless otherwise requested by the client. NVLAP Accordation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643

An AlHA (48863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

NVLAP, NIST, or any agency of the Federal Government

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples.

does not imply product certification, All rights reserved. AMA Analytical Services, Inc.

> Posted to NGB FOIA Reading Room May, 2018

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 196 of 5269

t Date:

01-Jun-06

BEST AVAILABLE COPY

Note: All results have two significant digits. Any additional digits shown

Note: All samples were received in good condition unless otherwise noted

ug = micrograms

ug/L = parts per billion (ppb)

%Pb = percent lead by weight N/A = Not Applicable

Air and Wipe results are not corrected for any blank results should not be considered when interpreting the result.

A Specialized Environmental Laboratory

AMA Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

NYEL

Address: Client State Military Reservation 301-IH Old Bay Lane, Autr. NGB-AVN-SI, Havre de Grace, Mazyland 21078 National Guard Bureau Job Location: Job Number: Job Name: Towson Armory (Old) Not Provided Towson (Old) Clear Date Submitted: Chain Of Custody: 6/1/2006 587.051

P.O. Number

Not Provided

Attention:

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

Date Analyzed: Person Submitting: 6/1:2006

Report Date:

01-Jun-06

Analysis Method For Furnace: Air, Wipes, Paints, and Soit/Solids : EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and SoiVSolids: EPA 600/R-93/200(M)-7420; Water, SM-3111B See QC Summary for analytical results of quality control samples associated with these samples.

 $mg/Kg \simeq parts per million (ppm) by weight <math>mg/L = parts per million (ppm)$ Analyst

Technical Manager:

NYLAP, NIST, or any agency of the Federal Government liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NYLAP Accreditation this report is submitted and accepted for the exclusive use of the chient to whom it is addressed and apon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a modual protection to chems, the public and these Laboratories, applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved. AMA Analytical Services, Inc.

4475 Forbes Bivd. • Lanham, MD 20706 • (301) 439-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An Alha (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory

1

TO COMPANY OF THE PARK OF THE

er er fach betein Mithelia er ein ger ger and Wittelfener .

shirted will we says an

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 197 of 5269 0500332

0500331 0500330

0500333

Flame Furnace Furnace Furnace

*** **** ****

*** ***

0.111 0.111 0.111 111.0 0.111 0.111 0500329

Furnace

Wipe

337.53

1400

æ

υ<u>g</u>/ਜਿ÷ ug/ft ug/ft²

BEST AVAILABLE COPY

2.70

108.01 13.50

աջ/Ու

9200

8

աջ/ն։

5.40

DUN 092904 003

0500336 0500335 0500334

0500338

0500340 0500339 0500337

DUN 092904 009

Furnace Fumace Furnace

Wipe Wipe Wipe Wipe Wipe Wipe ₩ipe Wipe Wipe

4 * * 4

0,111 111.0

2.70 2.70 2.70 2.70

ug/ft² ug/ft² ug/ft³ ng/ft²

5.9

ug/ft² ug/ft ug/ft² սց/ճւ ug/ft² eng/Ra

11 26 13

3

Wipe

0.11 0.11 0.311

2.70

ug/ft³

67.51

ug/th ug/fit

600

ug/ît² ug/ft²

22

ug/ft²

5.40

Furnace

DUN 092904 012

DUN 092904 007

DUN 092904 006

DUN 092904 008

Furnace Furnace Fumaco Attention:

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting Limit

Final Result

Comments

Page 1 of 2

9

Ê

Summary of Atomic Absorption Analysis for Lead

Number

A Spootalised Emulronnamini Loboration Y Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address: Client: National Guard Bureau

Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI,

> Job Location: Job Name: Dundalk

Dundalk, MD Not Provided

P.O. Number:

BPA #W912K6-04-A0002

Job Number:

Date Submitted:

Chain Of Custody:

130314

Report Date:

Page 198 of 5269

Person Submitting: Date Analyzed:

[0/8/2004

10/1/2004

Released by National Guard Bureau

08-Oct-04 FOIA Requested Record #J-15-0085 (MD)

| Second applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NYLAP, NIST, or any agency of the Federal Covernment.

An ARHA (#0063), NVLAP (# 101143), & New York E1, NP (#10929) Averabled Labing Story

Attention:

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped Ē

> Reporting Limit

> > Final Result

Comments

should not be considered when interpreting the result.

Analyst:

Technical Manager:

Note: All samples were received in good condition unless otherwise noted

ug = micrograms

Note: All results have two significant digits. Any additional digits shown

Analysis Method For Furnace: Air, Wipes, Paints, and Soll/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soli/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

%Pb = percent lead by weight N/A = Not Applicable

Analytical Services, Inc. is symphiliand librateranional fictionality

CERTIFICATE OF ANALYSIS

Address: Client: 301-III Old Bay Lane, Attn: NGB-AVN-SI. National Guard Bureau State Military Reservation

Havre de Grace, Maryland 21078 P.O. Number: Job Number:

Job Location: Job Name:

Not Provided

Dundalk, MD Dundalk

Summary of Atomic Absorption Analysis for Lead

BPA #W912K6-04-A0002

Date Analyzed: Person Submitting: Date Submitted: Chain Of Custody:

130314 10/1/2004

Report Date:

08-0ct-04

0/8/2004

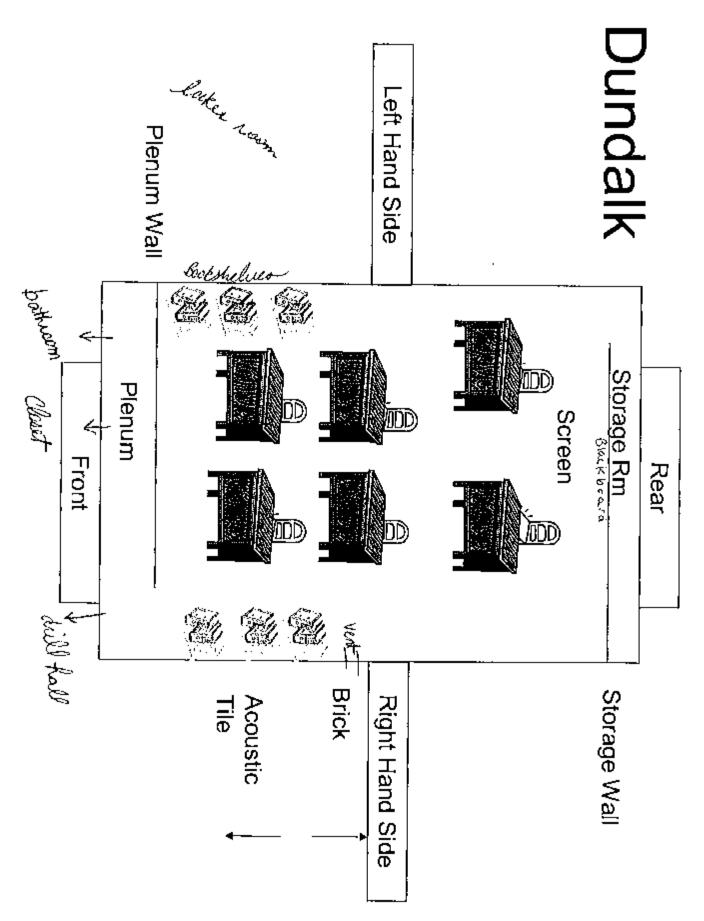
Page 2 of 2

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD)
Released by National Control Released by National Guard Bureau Page 199 of 5269

Entry, to Sample type, locations and collection protocols and so protocols and the scalable provided by the possibility from its Sample type, locations and collection protocols are based upon the information provided by the possibility from its Sample type, locations and collection protocols are based upon the most forwards and the scalable from its Sample type, locations and collection protocols are based upon the most forwards and the scalable for the scalabl NYLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVIAP Accreditation All rights reserved. AMA Analytical Services. Inc.

An AIMA (50363), NYLAY (5 101143), & New York ETAP (510220) According Value (52)



| | | - | | | | |
|-----------------|---|---------------------------------|---------------------------------------|-------------|-------------|--|
| ' | | | ULK SAMPLE | | | |
| Datus | فيناون فالك | | e USAERA TG 141 | | nent is HSH | B-1.O. |
| National | Guard Bureau | plete address ,3011# OWBAY I | including Zip Cod LANE, AHN: NGB-A | le) | | ntact (name/AUTOVON) |
| Stak Mi | litary Reservati | ion, Haure De | Grace MB 2107 | 8 | | esponsive 42 - 0273 ext 18 |
| Sample | d installation | | Project Number | | ARLOC | the same of the sa |
| Dund | alk Armor | Y | _ | - | 1 | |
| Sample | e Callagiad Dú | | Date Collected | | Date S | hipped |
| | -Respor | | Sep 29,2004 | <i>'</i> | | |
| | tion of Operat | | , | | Locatio | on (BLDG/AREA) |
| | ted to libr | | <u> </u> | | Dunda | |
| Associa | ated Complaints | (be specific) | | | <u> </u> | |
| | <u> </u> | | | | | |
| _ | ated Air Sampl | es | if yes, list sa | imple nun | bers | |
| | 75 (<u>Z</u>)110 | | | | <u> </u> | |
| Trade N | lame | | Label Informati | | | |
| | | N. | SN | Manu | ifacturer | |
| Address | 3 | | | MSD | Attached | · · · · · · · · · · · · · · · · · · · |
| | | "Man I Man of pages" a | | | Yes | □No |
| Analysis | s Desired , | | | | | |
| | Lea | d Wipes. | - Furnace 1 | netho | d | |
| Lab Use Only | Sample No. | Constitu | ents | Resul | ts. | Remarks |
| | UN 092904 | | | | | our, in pleasure area, |
| | 00/ DUN 0929044 | | | ···· | | octhroom |
| | | | | | Flu | in the of men room, |
| | 002 DUN 092904 | | | | | RHS |
| | 003 | • | | | ir | prost door, it to RT |
| | DON 092901 | | 1 | | | S, 4 shelves up, in |
| , | 004 | | | | RT | pleaner, unit closest to |
| | DUN092904 | | | | RH | 5, on leady of passive |
| Comment | ts to Lab | | | | | |
| | · | | | | (Conti | inued on other side) |
| | | | Lab Use Only | | | |
| Analyst | (initials) | Reviewed B | | Date | Received | Date Reported |
| Procedur | es Performed | Comr | nents: | | | |
| | Posted to NGB FOLA | | BEST AVAILAB | BLE COPY | FOIA Por | quested Record #J-15-0085 (MD) |
| AEHA For | m ^{MgV} ਜਿ ⁰¹⁸ Oct 84 | | | | | leased by National Guard Bureau Page 201 of 5269 |

| b Use Only | No. | Constituents | Results | Remarks |
|------------------|---------------------|---------------------------------------|--|--|
| | DUN 092904 | | | |
| | 006 | · | .} | RHS, shoneys room over. |
| | DUN092904 | · · · · · · · · · · · · · · · · · · · | | LHS, in pleasure, to ET |
| | DUN092904 | · | | of the acception the |
| | 008 | | 1 | LHS, in pleasum, to Et of locky form dear, bottom of top grantle tile (145). By oil way down to ter of tight south |
| | 009 | | | CHS in Storage 1000. 1 |
| | DUN 092904 | | ļ <u> </u> | from the world, 4' with show |
| | DUN0927074 | | | Reco Well, adjoint to LHS |
| | POWOU TOWN | | | Res Well 7 from 685, |
| | 011 00N092909 | <u> </u> | <u> </u> | I I Im n House |
| | 0/2 | | | Rear Wall 41 from LHS. with of the wait |
| | 0010092904 | | | VIAL box in pleasure, Riss. |
| | 013 DUN092904 | | | lower comer, unforced to house |
| | 0/4 | | <u> </u> | Vint duct, main area, between |
| - | DUNDAZJOX | | | 2. Interpret Works |
| | 0/.5 | <u></u> | | controp at builty proteing lights, under 2 1 1 year from |
| J | 016 | | | |
| | DUN09 2909 | | | BLANK |
| ! | 0/7 | | | BLANK |
| | 018 018 | | - | |
| | WN 492924 | <u> </u> | | Fresher from two of 11+ side |
| | 0/9 | | | On those is latter from |
| Į. | DUN 0 92904 0 20 | | <u>. </u> | Middle Straft |
| $\neg +$ | | | | on those is later from beneath ladder of hallway todull those (floor ask) |
| | | | | |
| ļ | | | | |
| | - | 98 | ·- | <u>. </u> |
| | | | -, -: | |
| | | .27/2 | | |
| } | | -25% a -25% a | | 1 |
| | | | | |
| | | · | | |
| | | | | |
|] | 1 | | | |
| — - | | | | <u> </u> |
| | | | . . | |
| - 1 | | | <u> </u> | |
| -+ | | | _ | 1 |
| | 1 | | | |
| 1 | | | | · |
| | | <u> </u> | |] |
| ŀ | | | · | · · · |

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

Submittal Information:

BEST AVAILABLE COPY || Immd | | 24hr | 148hr | 172hr | 15 Day + | Immd After-Hours* | 124hr After-Hours* | 1 Late-Night* (*must be pre-scheduled) The second section of the second seco By: Ř ä 633 20 3688 (LABORATORY STAFF ONLY) OTS) Initials: CLIENT CONTACT Dust Wipe Furnace (wipe type Chest Wipe) Contact: Contact Contact 0,1 (013) @ phone # 301 (OTX) (STS) Date/Time: Date/Time: Date/Time Sign: Miscellaneous Analysis Signature: Other (specify - D Email Copy Time: D Paint Chip P.O. #._ Lead Analysis Radon | Reporting Information (Results will be provided as soon as technically feasible): WIPE MATRIX Sign: Ł BULK Housen @ Fax # 301 677 7132 Job Location: DUNDACK _(QTY) A, 1. Job Name: DUNDALK (OTS) (QTY) PLM LEAD OTHER (213) Date: (OTS) Contact Person Submitted by: (813) By (Print) ☐ Quan. (s/area) Vacnum D5755-95.
☐ Quan. (s/area)Dust D6480-99..... (QTY) Job#. ANALYSIS 🗖 Qual. (pres/abs) Vacuum/Dust ☐ ELAP 198.2/EPA 100.2. ☐ EPA 100.1 PCM M ☐ ELAP 198.4/Chatfield D NY State PLM/TEM Qual. (pres/abs). Ĭ 🗋 Residual Ash, لالمت Copy المحالم please ",**S*...T TEM Water AREA SAMPLE ANALYSIS INFORMATION WIPE VOLUME WIPE (0) CHERS 21078 DATE Fax# (STS) (OTX) 2 (QTX) LABORATORY STAFF ONLY: (CUSTODY) BAY 8 200 F08290 WG o ie Sun cycrey 013 JUN 692504 OLL DUNDAZ404 003 ż (SS POO 40-240 MO DUN092904 604 Jan 12964 001 DUNO92904 (DZ SAMPLELOCATION UNIOSH 7400 (QTY)

D Fiberglass (QTY)

TEM Air - Please Indicate Filter Type: _in a 25mm 37mm 6444 National () () () () () @ cell# Potspo Und 0 DUN 042404 Jun 042404 DUN 642164 DUN 612904 (OTY) 3. Results Reported To: Date/Time Analyzed: Date/Time RCVD: (013) PCM Air - Please Indicate Filter Type: www.amalab.com
www.amalab.com
www.amalab.com
www.amalab.com
www.amalab.com
Cilient Name: Atmy Na.
S. Address 1: 301-IH
S. Address 2: Havre L
B. Address 3: Havre L
B. Phone #:
Date & Time Results Required: PIM Bulk

D EPA 600 – Visual Estimate

D EPA Point Count

D Orav. Reduction ELAP 198.1

O Other (specify

CLIENT ID ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 4. Comments: PC MCE Porosity. O AHERA
OUTOSH 7402 gAsbestos Analysis CLIENT ID NUMBER Zel Verbals:__

Released by National Guard Bureau

Page 203 of 5269

AIHA (#8863) NVLAP (#1.143) NY ELAP (10920) AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

May, 2018

4475 Forbes Blvd. • Lanham, MD 20706

130314

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

| | | | | duled) | | -(QTY |) AVAILABLE | COPY | | | | | | | | | |
|--|-------------------------|---------|----------------|---|---|--|--|--|-----------------|---|--------------|-------------------|-----------|--------------|--|---|--------------------|
| | | | 3688 | pre-sche | (QTY) | 20 | - | 5 | By: | | å | | | By: | | • | |
| | | | 677 | Supratured by Deprovided as soon as technically feasible): [72hr 5 Day + Imma Afric-Hours* 24hr Afric-Hours* Late-Night* (*must be pre-scheduled) [8 | (QTY) | |) (QTY) | CLIENT CONTACT | Contact: | | Contact: | | | Contact; | | 7 (A. A. A. A. A. A. A. A. A. A. A. A. A. A | |
| | | P.O. #. | @ phone # 301 | Signature: 24hr. Affer-Hours* — maile Sho | uip pe (wipe type(OTY) | lid (QTY) 1g Water Nater Tipe Furnace (wipe t | Miscellaneous Analysis Radon Other (specify | | Date/Time: | 40 | Date/Time: | 356 | | Date/Anne: | | | Sign |
| | | P. | von-Resp | Signatu casible): us* []24hr Affer Circusti Coho | Lead Analysis Desirt Chip Dust Wipe (| O Soil/Solid_O TCL.P_O Drinking W | iscellaneo Rado Other | WATER | 200 | 40000 | | | 6 | | | | |
| | Ş | | | cally featter. Hou | 7 | | Z. | MATRIX RIIK WIPE | | | | | | | | | |
| ž Ā | DACK | | | as techni finnd A 7カープト | | 27.5) _ (QT.5) :17.5 | | ATR BY | 3643 | | | | | | | | が、 |
| bmittal Information: Job Name: Dan O ALK | Job Location: Dund ALK | | | 5. Submused by. Swill be provided as soom as technically feasible) 48bir □72bir □5 Day + □1mmd Affer Hours + □ erisco @ 1ax # 36f の の 713 本 画字 | _(QTY) .(QTY) | (QTY) (QTY) (QTY) | (QTY) | | 20 | | | | | | | | |
| Submittal Information: 1. Job Name: Dano | Location: | ** | Contact Person | provided 26 □S1 | (0TY) | 295 | (XIX | ANALYSIS PCM PLM LEAD OTHER | | E CONTRACTOR OF THE PERSON OF | | | | | | | By enalty |
| Submitt 1. Job | | 3. Job# | A. Conf | 包虫说 | | 575 99.99 | 118 | ANALYSIS | | | | | | | A CONTRACTOR OF THE PROPERTY O | | Á |
| | | | | Results 4 | 4/Chatfie PLM/TEN | s/abs) Vac rea) Vacur rea)Dust I | Z/EPA 10 | JEW PG | 10000 | | | | | | | | |
| | | | | rmation mid [] | TEM Bulk D ELAP 198.4/Chaffeld NY State PLM/TEM Residual Ash | ust Qual. (pre Quan. (s/a Quan. (s/a fater | PLEASE IN: 9 KA | ea Ea | | | | | | | | | |
| | | 20 | | Reporting Inform | 3000 H | TEM Dust O Quar DEM Water | | ME WIPE S) AREA | T | | | | | | | | |
| | - FAR | 21078 | | Repo | | | | ATTON VOLUM (LITERS) | | 2 | 7 | 70 | | | | | |
| Guard | ٦ | 2 | Hav # | 0 | | (QTY) | (QTY) - (QTY) (QTY) | INFORM DATE | | Suns. | BLANK | | | | | | |
| Ī | - 1 | Gate | | | 37mm | 37mm | (QTY) (QTY) | ALYSIS I | H 914 | 4 015 4 646 | LIO. | 910 | | | | T S I | |
| D: National | | Ţ | | 9 8 | ter Type: in a 25mm 37mm (QTY) | r Type: in a 25mm (QTX) | 8.1 (Q) | SAMPLE ANALYSIS INFORMATION VOLUME SAMPLE LOCATION DATE (LITERS) | Placenz 404 614 | DUN092904 ()15 | hotztoma | Dun 042404 | 800042404 | 400 250 7770 | 191760 case | PIC CONTO | 9 |
| ormatio | 301 - Z | HAUCE | | s Require | cate Filter | cate Filter | E E | SAN | 30 | שט | A CO | Dun | AS C | 1 | P | | T. Date/Time Revis |
| illing Inf | S I: | ss 2: | 83 # 89 # | oe Result | nalysis Pease Indi E Porosit | MAir – Please Indi PC MCB Porosit O AHERA O NIOSH 7402 | Daulk DEPA 600 – Visual DEPA Point Count, DNY State Friable, Grav. Reduction I | CLIENT ID NUMBER | | | | | | | | TORY | T. Date/ |
| Mailing/Billing Information: 1. Client Name: Army | Addres | Addres | Addres | S Date & Time Results Regured | Asbestos Analysis ECMAir – Please Indicate Filter Type: PC MCE Perosity in a 25mm UNIOSH 7400 (QTY | TEM At 10-12 and | Merk Ocean Ocean Ocean | n D D | | | | | | | | TABORATORY STARK ONLY. (CLESTORY | |
| Posted May, 20 | ে to N 018 | iGB | EΟΙν 4. πυ | A Reading I | 작회 Room | El BES | ស៊ី AVAILABLE | COPY | | [5%] F | OIA Re Re | queste eleased | d Reco | | 5-0085 Suard B |) (ME | D) |

Page 204 of 5269



www.amalab.com

| | | Ē | BULK SAMPL | E DA | TA | | | ······································ |
|----------------------|--|---|--|----------|-------------|----------------|-----------------------|--|
| į | For | use of this form s | ee USAERA TG 1 | 141: the | prop | onent is H | SHB-LO |). |
| National Stak Mil | Addross (con Guard Bureau Hary Reserva | mplete address .,301III OLOBAY hon , Havre De | including Zip (| Code) | | Point of Non-F | Contac Resp | t (name/AUTOVON) ONSIVE - 0273 Exr 18 |
| Sample | Installation | | Project Num | | | ARL | | |
| | elk Arno | | | · | | | | |
| | Respo | | Sep 29,20 | | | Date | Shipp | ed |
| Descrip | tion of Opera | rany classion | , | | | Loca | tion | (BLDG/AREA) |
| | · | | | | | Dun | dalk | |
| ASSOCIA | ited Complain | ts (be specific) | • | | | | | • |
| Associa Ye | ited Air Samp | oles | If yes, list | sampi | e nu | mbers | <u> </u> | |
| | | | Label Inform | ation | | <u> </u> | | |
| Trade N | ame | N | ISN | | Man | ufacture | • | |
| Address | | | | | MSD | S Attach | ed | |
| | | | | | | Yes | . (| □ No |
| Analysis | Desired $L\epsilon$ | rad tripes | - Furnace | e me | tho | d | | |
| Lab Use Only | Sample No. | Constit | uents | | Resu | lts | | Remarks |
| | WN 092404 | | | - " | | | Floor, | in plennum area, 45 cs you enter |
| | 00/ DUN 092904 | | | · | <u> </u> | · | 6.46 | to of min room, with pressive vent |
| | 002 | | | | | | en R | 45 |
| ~ | DUN 092909 | | | | | | Fluor, s | dov, i to RT |
| | 003 DON 092901 | <u> </u> | | | | | | Y shelves up, in |
| | 004 | | | | | | RT con | ner, unit closest to |
| | DUN092904 | | | | · · · · · · | | RHS. | on leady of passive 6' old floor |
| Comment | s to Lab | | <u> </u> | | | (C) | | ed on other side) |
| · | | | 1850 - S. C. C. C. C. C. C. C. C. C. C. C. C. C. | | | | , and the second | ed on other side, |
| Analyst | (initials) | Poulsonid | Lab Use O | nly | _ | | | |
| | | neviewed. | By (initials) | | Dat | e Receiv | ed | Date Reported |
| Procedur | es Performed | - 00" | ıments: | | | | | |
| | Posted to NGB FOL | | BEST AVAIL | LABLE CO | PY | FOIA | Requested Released | Record #J-15-0085 (MD) by National Guard Burcau |
| AEHA For | m 8-R, 1 Oct 8 | 34 | | | | | | Page 205 of 5269 |



| ab Use Only | | Constituenta | Resulte | Remarks |
|----------------|------------------|--|--|--|
| | DUN 092904 | | | RHS, storryk room over, |
| · | 006 | | | (to she foull, I from flor |
| | DUN092904 | • | | CH st fact, it from few LHS, in alcanum, to all of laster from door. Button top accessing the |
| | DUN092904 | | | colo by acoustic the |
| | 008 | | <u> </u> | EFF of right south |
| | 00 9 | | | CHS is siturage room, 21 |
| | DUN 09290 4 | | | from some much, it wit floor |
| | 0/0 bun092907 | | | Restarts, adjust to been |
| | PON0454 | · · · · · · · · · · · · · · · · · · · | | Per 9x11, 77 Per 445. |
| | 01/ | | <u> </u> | 1 from Hour |
| | 0/2 | | | l' from those frent total, 4 from Lists, or out floor, under for and |
| | P06260400 | <u> </u> | | Went box in pleasure, \$15. |
| | 0/3 | | <u></u> | lower comer, influent to maker |
| ı | 014 | | | Vint elect, main men, between |
| | DUN 0 92904 | | | 2 Icfdmust usals |
| | 0//5 | | | South of bothe proteins lights from |
| ļŧ | 016 | | | · - |
| ··· | 10N69 2404 | | <u> </u> | BLANK |
| | 017 | _ | } | BLANK |
| μ | POSS BO MAR | <u> </u> | | 716 10 10 16 16 16 1 1 1 1 1 1 1 1 1 1 1 |
| | 018 UN 192914 | | | BASKE FOM FLOGIETS - |
| _ 1. | 0/9 | | | All bookshielt LHS BASHER FROM From HEST OF HOR IN TEXT FOR THE STREET FROM MICHIEL HOLD OF HOLLOW TO AND THE HOLD OF HEAT COME. |
| 2 | XN 09801 | | | henry added |
| —∙ | 120 | | <u> </u> | Totaline Land |
| - 1 | ļ | | | 3377777777 |
| | - | — — —— | · . | |
| | | | | 1 |
| ĺ | 1 | | | |
| | | —————————————————————————————————————— | _ | |
| | 1 | :* | | |
| 一丁 | | | <u> </u> | |
| | - | | <u> </u> | 1 |
| <u> </u> | | · · · | | |
| | - | | | |
| _ | | | | 1 |
| - 1 | | | | |
| | | | | |
| 1 | _ 1 | | | |
| | | | | |
| | | | | 1 |
| | | | | |
| | | · · | | |



AMA Analytical Services, Inc.

AIHA (#8863) NVLAP (#1143) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-26

www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

130314

| | | n-Re | 115. | 111 | (| | | | | | | | | | | ents: | 4. Comments: | |
|---------------------|------------|--|------------------------|------------------|-----------|---------|--|----------------|------------------------|---|--------------------|-------------------|----------|--------------------------|--|---------------------------------------|--|----------|
| | | spo | No. | Time. | 5 | X | $\widetilde{\mathbb{Q}}$ | Date: | E | Via: POS | | | | 3000 | | 3. Results Reported To:_ | Results | |
| | | | No | | | | | Nor | | ż | By (Print): | | 000 | 125 | ed: 10 /6: | Date/Time Analyzed: | 2. Date/Ti | |
| | | | ်း n-Re | | | | | ç ı-Resp | By (Print): | | | | l T | 7 | x; (CUSTODY) | I Date/Time RCVD: | LABORATORY STAFF ONLY; (CUSTODY) 1. Date/Time RCVD: // | - |
| stec ay, 2 | | | spc | | | | | onsiv | | 7 | 1 | < | | | 2904 013 | DUN 092904 | | |
| d to 2018 | | | nsi | | | | | e | | | | - | | | 210 HOLZ | DUN 042764 | | T |
| | | | ive | 10 | | | | | | | | | | | 2504 011 | DUN 642504 | | |
| 3 F¢ | - Commons | | | | | | | | | | | | | | 25001 OID | DUN 092404 | | |
| DIA | Bv: | E Contact: | Date/Time: | | | | | | | | | | | | 2404 009 | 704250 COG | | T |
| Rea | | | | | | | | | | | | and town | | | 2904 008 | 404240A | | Π |
| din | | | | | | | | | | | | | | | 190 4062 | 105250 CAND | | |
|) R | | The state of the s | | | | | | | | | | | | | 2404 006 | DUN 042404 | | Τ |
| oom | By: | Contact: | Date/Time: | | | | | | | | | - Chaor | | | 2404 ODS | Duw042404 | | |
| | | | | | | | | | | | | | | | 2904 OOH | 000012404 | | Τ |
| | 000000 | *************************************** | | | | | | | | | | | | | 2904 OO3 | DUNO92904 | | T |
| | | | | | | | | | | | | 0,200 | | | 2904 002 | DUNO92904 | | |
| | Βv: | | Date/Time: | | | | | | | | 100 | r) " Y4" | | | Dun092904 001 | Dung | | : |
| BE | Ŗ | (LABORATORY STAFF ONLY) | | OTHER | BULK WIPE | 4 | ER AIR | AD OTHER | PLM LEAD | PCM P | TEM | AREA | (LITERS) | DATE | SAMPLE LOCATION | SAMPL | NUMBER | 7 |
| ST | | CLIENT CONTACT | | WATER | MATRIX | M | | | ANALYSIS | ANA | | MIDE | NON THE | FORMATI | SAMPLE ANALYSIS INFORMATION | SAMPL | CLIENTID | |
| A۱ | , | | | | | | | | | × | | 20,00 | | (QTY) |)(Q | | ☐ Other (specify | |
| /AII | | | | | | | | | | 12 | | プログラ アカイの | © (1) | ਤੂ ਤ | | ELAP 198.1 | Grav. Reduction ELAP 198.1 | |
| LAB | _ | (OTY) (OTY) | (specify | Other (specify | ; · | | | | . (%) | | ġ | , ! | | | (QTY) | | NY State Friable | |
| BLE (| | | Miscellaneous Analysis | cellaneou | Mis | | ی | (QTY) | (ALO) | ☐ ELAP 198.2/EPA 100.2_ ☐ EPA 100.1 | P 198.2/E 100.1 | | | J | (YTQ) | d Estimate | ☐ EPA 600 - Visual Estimate | |
| co | | | - | | , | | | ರ | (YTQ) | s)(s | Qual. (pres/abs). | ☐ Qua | | .(2113) | .) | | PEM_Bulk | PC |
| ÝY | 20 | □ Waste Water (QTY) □ Waste Water (QTY) □ Waste Water (QTY) | Vine Furnace (| Dust Wine Fi | Ų. | | -(G13) | | 0-99 | ☐ Quan. (warea)Dust Do450-99. [Water | n. (warca) | TEM Water | Ħ | | 3 | | O NIOSH 7402 | |
| | | (QTY) | ng Water | ☐ Drinking Water | | 5 |) (QTY | | 5755-95_ | Quan. (s/area) Vacuum D5755-95 | n. (s/area) | Qua | | | S STATE | (YTQ) | AHERA | |
| | | _(QTX) | SILO | TCLP. | | | (QTY) | | Dust | Qual. (pres/abs) Vacuum/Dust | l. (pres/ab | Qua | ł | | er Type: | ate Filter Typ | TEM Air — Please Indicate Filter Type: PC MCF Paracity in a 25th | TE) |
| F | | (QTY) | | Air Air | | | | _ | (A) | , | ☐ Kesidual Ash_: | TEM Dast | ∄ | | Ġ, | (QTY) | ☐ Fiberglass | |
| OIA | -(QTY) | oc) | (wipe typ | Dust V | | | | (QTY) | | TEM_ | NY State PLM/TEM_ | Į Į Y N | | | m a 25mm 37mm (OTY) | | PC MCE Porosity_ UNIOSH 7400 | |
| Re Re | | (QTY) | Eig | Lead Analysis | Lead | | | (YTY) | | hatfield | P 198.4/C | VED. | | | ក | ate Filter Typ | PCM Air - Please Indicate Filter Type: | PC |
| que lea | | W. ************************************ | (A) | l Anni- | | | | | | | | TEM Rull | 7 | | | | Asbestos Analysis | Asl |
| estee sed | pre-schedu | rs" [Late-Night" ("must be] | пош | D Email Com- | smorr-r | 7132 | う。 - | * U.S. | ? [| ■ Fax Conv: C:~dy Harison - (2111 10) Day + 011111111111111111111111111111111111 | C Say | Copy | য় ব | | @ cell # | 1 | □ Verbals: | 0 |
| Red by N | | j J Rec bby N | | ible): | lly feas | technic | soon as | ided as | l be prov | Reporting Information (Results will be provided as soon as technically feasible): | ation (R | Inform | Sorting | ブ> [®] 一p | ブーアつ | Remined. | Date & Time Results Required: | ت ا |
| ord atio | | MANAGEMENT AND ADDRESS OF THE PARTY OF THE P | Signature: | | | | ************************************** | d by: | Submitted by: | 5 | 7 | The second second | | Fax #: | | | Phone #: | 5 |
| #J nal Pag | 88 | phone # 301 677 36 | | | | | | erson | Contact Person | | | | | | | | Address 3: | 4. |
| 15- Gu e 2 | | | | #.O.# | | | | | Job #: | ا س | | | 21078 | | STALL MD | HAUL! RL | Address 2: H | မှာ |
| 008 ard 207 | | | ARDOL L. LLE | | 3 | 1 | DUNDALK | | Job Location: | 12 | | | | 240 | ά | 301 - IH | and a second | iэ |
| 5 (N Bur of 5 | | - TOTAL TOTA | | | | ^ | DUNDACK | 5. Dw | Job Name:_ | 1. | | | | | F | A MY | Client Name: A | \vdash |
| MD) eau 269 | | | | | | | on: | formati | Submittal Information: | Sub | | | | x. | | rmation: | Mailing/Billing Information: | Ma |
| | ş | 2 | | | | | | | . ; | | | | č | 1) 4,39~20- | 0-0701 • Fax (50 | iom (900) 14 | www.amalab.com | |
| | | ! 7 | | | |)= | (| Ì | | | | (| î. | 17.440.262 | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | 0 • (800) 34 | (301) 450-3640 | |

BEST AVAILABLE COPY

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

5 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Dundalk Indoor Firing Range

- 1. An email dated 4 January 2007 from the CFMO stated that the Dundalk Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



Chapman, Shirley A CIV NGB

From: Non-Responsive TC (RET) MDARNG

Sent: Thursday, January 04, 2007 4:54 PM

To: Non-Responsive CIV NGB

Subject: Dundalk Readiness Center, 2101 North Point Boulevard, Dundalk, MD 21222-1621



Pursuant to the project specification, the above referenced project has been completed. The contractor:

MARYLAND CLEANING AND ABATEMENT CORP

6811 YORK ROAD

BALTIMORE, MARYLAND 21212

MR.Non-Responsive

410-377-0500

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

V/r

Non-Responsive

BEST AVAILABLE COPY

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

5 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Dundalk Indoor Firing Range

- 1. An email dated 4 January 2007 from the CFMO stated that the Dundalk Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive (410) 942-0273 x23.

Non-Responsive

NGB Regional Industrial Hygienist

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

07 September 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Easton Armory Indoor Firing Range

- 1. An email dated 06 September 2006 from the CFMO stated that the Easton Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



CF:



From: Non-Responsive CIV NGB

Sent: Thursday, September 07, 2006 8:27 AM

To: Non-Responsive CIV

Subject: FW: Easton Readiness Center, 7111 Ocean Gateway, Easton, Maryland 21601-9471

Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell 443-807-9605 FAX 410-942-0254

From: Non-Responsive TC (RET) MDARNG
Sent: Wednesday, Sentember 06, 2006 10:57 AM

To Non-Responsive CIV NGB; Non-Responsive CIV N

CC: FC MDARNG

Subject: Caston Reaumess Center, 7111 Ocean Gateway, Easton, Maryland 21601-9471

Non-Responsive

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services 6811 York Road Baltimore, MD 21212

410-377-0500

Mr. Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards. V/r

Non-Responsive



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

₹

Address: Client: Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lane, Atm: NGB-AVN-SI, National Guard Bureau Job Location: Job Name: Easton Clear Easton, MD Chain Of Custody: Date Submitted:

P.O. Number: Job Number: Not Provided

Not Provided

Date Analyzed: Person Submitting:

4/7/2006

4/7/2006

148405

Report Date:

07-Apr-06

Page I of 2 FOIA Requested Record #J-15-0008

Requested Record #J-15-0003 MID)
Released by National Guard Sureau
Page 213 of 5269

Summary of Atomic Absorption Analysis for Lead

Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Limit Final Result Comments

0.111

108.01

0.111 0.111

108.01

AMA Sample

Attention:

Number

Number

EAS20060406-0 Flame Flame

0639847

0639848

EAS20060406-05 EAS20060406-04 EAS20060406-03 EAS20060406-02

Wipe

0.111

ug∕ft²

ug/ft²

110 140 120 110

ug/ft²

ug/ft²

BEST AVAILABLE COPY

ug/ft²

160

108.01 108.01 108.01 108.01 108.01 108.01

110 110

ug/ft² ug/ft² ug/ft²

220

ug/ft²

0.111 0.111

BEST AVAILABLE COPY

0639850 0639849

0639851 0639854 0639853 0639852 EAS20060406-08 EAS20060406-07 EAS20060406-06

0639857 0639855 0639856 0639858 EAS20060406-12 EAS20060406-11 EAS20060406-10 EAS20060406-09

Flame

Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe

Wipe

*** *** *** *** * *** *** ** *** *** ***

0.111 0.111 0.111 0.111 0.111 0.111

108.01 108.01 108.01 108,01

ug/ft²

110 110 110

ug/ft²

ug/ft² ug/ft²

ug/ft² ug/ft² ug/ft² ug/ft²

Flame Flame Flame Flame Flame Flame Flame Flame

Flame

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation

All rights reserved. AMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643

An AIHA (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory

NYLAP, NIST, or any agency of the Federal Government



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

| FOIA Requested Record #J-15-0085 MID) Released by National Guard Bureau | AMA Sample Number | Attention: | | | Address: | Client: | |
|---|-------------------------|--|----------------|-----------------------|---|-----------------------|----------------------|
| Job Name: Easton Clear Chain Of Custody: 148405 All Formary P.O. Number: Not Provided Provided Person Submitting: Date Analyzed: 4/7/2006 Summary of Atomic Absorption Analysis for Lead Sample Type Air Volume Area Wiped Reporting Limit Comments | Client Sample Number | | | Havre de Grace, Maryl | 301-IH Old Bay Lane, . State Military Reservat | National Guard Bureau | |
| Final Result Comments Final Result Comments Final Result Comments | Analysis Type | | | and 21078 | Attn: NGB-AVN-SI, ion | - | |
| Final Result Comments Final Result Comments Final Result Comments | Sample Type | Summary o | P.O. Number: | Job Number: | Job Location: | Job Name: | |
| Final Result Comments Final Result Comments Final Result Comments | Air Volume (L) | f Atomic A | Not Provided | Not Provided | Easton, MD | Easton Clear | |
| Final Result Comments Final Result Comments Final Result Comments | Area Wiped (ft²) | bsorption A | | | | | |
| 148405 4/7/2006 4/7/2006 Report Date: 07-Apr-06 Requested Record #J-15-008 Bureau FOIA Requested by National Guard Bureau Released by National | Reporting Limit | nalysis for Lead | Date Analyzed: | Person Submitting | Date Submitted: | Chain Of Custody: | |
| FOIA Requested Record #J-15-0085 MD) Released by National Guard Bureau | Final Result | | 4/7/2006 | Non-Res | 4/7/2006 | | |
| FOIA Requested Record #J-15-0085 MD) Released by National Guard Bureau | Commo | American de la constanta de la | Report Date: | | ı | | |
| Page 214 of 5269 | | 2 0 2 | ٠. | cord latio | #J-15- nal Gua Page 2 | 0085 ard Bu | MD) ureau 5269 |

| See QC Summary for analytical results of quality control samples associated with these samples. | 1 result | or analytical e samples. | See QC Summary for analytica associated with these samples | See QC associat | n: SM-3111B Water: SM-3113B | 00(M)-7420; Wate 3/200(M)-7421; V | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. SM-3113B | aints, and Soiles, Paints, and S | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Paints, and S Analysis Method For Furnace: Air, Wipes, Air, Wipes, Air, Wipes, Air, Wipes, Air, Wipes, Air, Wipes, Air, Wipes, Air, Wip | nalysis Method for nalysis Method F |
|---|----------|-----------------------------|--|--------------------|--------------------------------|--------------------------------------|---|----------------------------------|--|-------------------------------------|
| ng | 12 | ٨ | £6 | 12.00 | N/A | 英子子 | Wipe Blank | Flame | EAS20060406-22 | 0639868 |
| ug | 12 | ٨ | ug | 12.00 | N/A | ** | Wipe Blank | Flame | EAS20060406-21 | 0639867 |

Air and Wipe results are not corrected for any blank results

should not be considered when interpreting the result.

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted.

BEST AVAILABLE COPY

Analyst:

Technical Manager: BEST AVAILABLE COPY

Analytical Services, Inc.



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-00 (MD)
Released by National Guard Bureau
Page 215 of 5269

Client: Address: State Military Reservation Havre de Grace, Maryland 21078 301-IH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Job Location: Job Name: Job Number:

Easton, MD Easton Armory 1FR

Chain Of Custody:

Date Submitted:

Report Date:

4/26/2006 148413

26-Apr-06

P.O. Number:

Not Provided

Not Provided

Person Submitting: Date Analyzed: 1/26/2006

Summary of Atomic Absorption Analysis for Lead

Page I of I

| See QC Summary for analytical results of quality control samples | result | or analytica | Summary to | See QC | %: SM-3111B | 0(M)-7420; Wate | Analysis Method for Flame: Air. Wipes. Paints. and Soil/Solids: EPA 600/R-93/200/M]-7420: Water: SM-3111B | Paints, and Soi | for Flame: Air, Wipes, | nalysis Method |
|--|--------|--------------|------------|--------|-------------|--|---|-----------------|------------------------|----------------|
| ug | 12 | ۸ | EQ. | 12.00 | N/A | *** | Wipe Blank | Flame | E-11 | 0644469 |
| ug | 12 | ٨ | ug | 12.00 | N/A | ** | Wipe Blank | Flame | E-10 | 0644468 |
| ug∕ff² | 280 | | ug/ft² | 111.52 | 0.108 | ** | Wipe | Flame | E.9 | 0644467 |
| ug∕ft² | 430 | | ug/ft² | 111.52 | 0.108 | ****** | Wipe | Flame | щ % | 0644466 |
| ug/ft² | 150 | | | 111.52 | 0.108 | ************************************** | Wipe | Flame | E-7 | 0644465 |
| ug∕ft² | 110 | ٨ | ug/ft² | 111.52 | 0.108 | * | Wipe | Flame | 9-3 | 0644464 |
| ug/ft² | 220 | | ug/ft² | 111.52 | 0.108 | *** | Wipe | Flame | ස ප | 0644463 |
| ug/ft² | 110 | ٨ | ug/ft² | 111.52 | 0.108 | *** | Wipe | Flame | ਜ਼ 4 | 0644462 |
| ug/ft² | 110 | ۸ | ug/ft² | 111.52 | 0.108 | *** | Wipe | Flame | E-3 | 0644461 |
| ug/ft² | 110 | ٨ | ug/ft² | 111.52 | 801.0 | * * * | Wipe | Flame | E-2 | 0644460 |
| ug/ff² | 110 | ٨ | ug/ft² | 111.52 | 0.108 | *** | Wipe | Flame | E-I | 0644459 |

BEST AVAILABLE COPY

BEST AVAILABLE COPY

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting Limit

Final Result

Comments

Attention:

associated with these samples

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition (pph)

Analyst:

Analyst:

Note: Not applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NYLAP Accreditation NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Analytical Services, Inc.



Address: Client:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Easton Armory

Job Name:

Easton Clear 3

National Guard Bureau

Havre de Grace, Maryland 21078 State Military Reservation A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

MAY 27 2006 **6** m m.

Chain Of Custody: 148407

5/8/2006

Date Submitted:

5/8/2006

Date Analyzed: Person Submitting:

Report Date:

FOIA Requested Record #J-15

08-May-06 Requested Record #J-15-00 (MD) Released by National Guard Bureau Page 216 of 5269

Page I of I

| Sumn | |
|------------|--|
| ıary | |
| of. | |
| Atomic A | |
| Absorption | |
| 'n. | |
| Analysis | |
| is fo | |
| for Lead | |

P.O. Number: Job Number:

Not Provided Not Provided

| Client Sample Analysis Typ Number | |
|---------------------------------------|--|
| Analysis Type | |
| Sample Type Air V | |
| Air Volume (L) | |
| Arca Wiped (ft²) | |
| Reporting Limit | |
| Viped Reporting Final Result Comments | |
| Comments | |

AMA Sample Number

Attention:

| See QC Summary for analytical results of quality control samples associated with these samples. | s of quality | il result | See QC Summary for analytica associated with these samples. | ed with the | See QC associat | vr. SM-3111B Water: SM-3113B | 00(M)-7420; Wate 03/200(M)-7421; N | i/Solids : EPA 600/R-93/20 | aints, and Soil/S . Paints, and Soi | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water. SM-3111B | Analysis Method Analysis Method |
|---|--------------|-----------|---|-------------|--------------------|---------------------------------|---|----------------------------|--|--|---------------------------------|
| | ug/ft² | 110 | ΄ Λ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20060505EAS10 | 0647476 |
| | Ü. | 12 | ٨ | ug G | 12.00 | N/A | *** | Wipe Blank | Flame | 20060505EAS09 | 0647475 |
| | ug/ft² | 110 | ٨ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20060505EAS08 | 0647474 |
| | ug/ff² | 110 | ٨ | ug∕ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20060505EAS07 | 0647473 |
| | ug/ff² | 110 | ٨ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20060505EAS06 | 0647472 |
| | ug/ff² | 110 | ٨ | ug/ft² | 108.01 | 0.111 | *** | Wipe | Flame | 20060505EAS05 | 0647471 |
| | ug∕ft³ | 110 | ٨ | ug∕ft² | 108.01 | 0.111 | 는 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 | Wipe | Flame | 20060505EAS04 | 0647470 |
| | ug∕ft² | 110 | ٨ | ug∕ft² | 108.01 | 0.111 | *** | Wipc | Flame | 20060505EAS03 | 0647469 |
| | ug/ft² | 110 | Λ | ug/ft² | 108.01 | 0.111 | **** | Wipe | Flame | 20060505EAS02 | 0647468 |
| | ug/ft² | 011 | ۸ | n5/tt₃ | 108.01 | 0.111 | ** | Wipe | Flame | 20060505EAS01 | 0647467 |
| | | | | | | | | | | | |

BEST AVAILABLE COPY

BEST AVAILABLE COPY

N/A = Not Applicable %Pb = percent lead by weight mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

should not be considered when interpreting the result Note: All results have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results

Analyst

Technical Manager:

ted to NGB FOIA Reading Room

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboragoes. This report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authoragonate. NVLAP, NIST, or any agency of the Federal Government. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved. AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

704847

| 2. Address 2. (1.15) (1916. 1.1) (1. |
|--|
| 2. Job Location: Facebas Area Area Propries As Job # 2, 10 b Location: Facebas Area Area Propries Information (Results will be provided as soon as technically feasible): 2. @ ACC Clamad (QTA) |
| 2. Job Location: Facebas Area Area Propries As Job # 2, 10 b Location: Facebas Area Area Propries Information (Results will be provided as soon as technically feasible): 2. @ ACC Clamad (QTA) |
| 2. Job Location: \(\bar{E}_{\text{L}} \rightarrow \) \(\text{Location} \) \(\bar{E}_{\text{L}} \rightarrow \) \(\text{Location} \) \(\bar{E}_{\text{Location}} \) \(\text{Location} \) \(\bar{E}_{\text{Location}} \) \(\text{Location} \) |
| Signature: s teeknically feasible): mmd After-Hours* 24har After-Hou Ernail Copy: Lead Analysis Paint Chip? Paint Ch |
| Signature: s teeknically feasible): mmd After-Hours* 24har After-Hou Ernail Copy: Lead Analysis Paint Chip? Paint Ch |
| **Transport of the following steeknically feasible): **Internal Copy:** **Lead Analysis** **Q Paint Chip?* **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?** **Q Paint Chip?* **Q Pai |
| A (M) A |
| P.O. # |
| phone # \(\lambda \) \(\frac{747}{2} \) \(\frac{7273}{2} \) pro |
| int* (*must be pre-schee int* (*must be pre-schee int* (*must be pre-schee int* (*must be pre-schee int* (*must be pre-schee int* (*pre-schee int* (*p |
| (QTY) (QTY) (By: By: |
| Posted to NGB FOIA Reading Room BEST AVAIDABLE CORY FOIA Requested Rectord #JI15 008 |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham. MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

148407

| | ARTERIA OF THE PROPERTY OF THE | | | | Sign: | | | | | | | Ä | By (Print): | | @ | | | | lyzed: | me Anal | Date/Time Analyzed: | | |
|-----------|--|--|-------------------|--------------|--|---|--------|------------------------|---------------------------------------|--------------------------|--|--|------------------|---|--------|--------------------|--------|---------|--|--------------|---|---------------------------------------|---------------|
| Po | | Sign:_ | | | | | | | i i | By (Print): | | | | Via | (e) | | | (YGO | LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD:// | ME RCV | I Date/Time RCVD: | ABORA | LA |
| sted to | | | | | | | | | | | | | 7.5 | | | | | H | | | | | |
| ONG | | | 18 28 | | | | | | 172 | | | | 138 | - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 3 | | | | | | | | |
| | AND AND AND AND AND AND AND AND AND AND | | | | | | 1 | | - | | 2 | | | ŗ | #,×4, | | (| , | How | | coolosus em io | Joose | E |
| By: | me: Contact: | Date/Time: | | | | | | 7.0 | | | | | | 7 | , | | | | BLANK | | 20000505 EASO4 | DLOSO | 8 |
| | | | | | | | _ | | _ | - | | - | ļ | | 1 | | | | Floor | | 20000SEASOB | 00000 | 33 |
| -1: | | | | | | | | | | | | | | | | | | | Flow: | | 20060SUSTEASOT | 950g | 200 |
| | | | | | | | | | \vdash | \vdash | _ | _ | ļ | _ | | | | | their | | ZOOWSOS EASOW | 06050 | 200 |
| By: | me: Contact: | Date/Time: | | | 6 (1) (1) (1) (1) (1) (1) | | 1 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | Pleas. | | LOUIOSOS FASOS | 06050 | Ş |
| | | | | | | | | | - | | | - | <u></u> | | | | _ | | Plan | - | 20040505EASO4 | 000SC | S S |
| | | | | | | | | | | | | | | | | | | | Pair | 1 2 | 1006050SEAS03 | 06050 | 8 |
| | | | | | | | | | - | - | _ | | | | | | | _ | . on | Emi | 2006 0505 EAS02 | 00000 | 200 |
| By: | me: Contact: | Date/Time: | | | | | X | | | (| × | | | £ | ı X | | 515100 | 5 | 7 | Flor | 20060505 EASO! | 2000 | 202 |
| S BEST | CLIENT CONTACT (LABORATORY STAFF ONLY) | | SWAB | T_{APE} | SPORE TRAP | WATER RIX | DUST | BULK | AIR | MOLD | PCM PLM LEAD | PCM AN | TEM | PE / | E WIPE | VOLUMB (LITERS) | H | ATIO | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | SAMP SAMP | BER | CLIENT ID | |
| N. (2) | (QTX) - Other (Specify | : Tape | Surface | [| | | | | | ů | 9 | amples. | Water s | (TEM Water samples | _ | | (g) 3 | (QTX) | <u>`</u> -1 | LAP 198 | ☐ Grav. Reduction ELAP 198.1 ☐ Other (specify | ☐ Grav. Reductic ☐ Other (specify, | o o |
| | Y) Surface Vac | Surface Swab | Surface |) [] | | noted | herwis | nless of | ition to | xd cond | All samples received in good condition unless otherwise noted. | receivo | amples | D All s | 1 | | | | | | NY State Friable | NY S | |
| | Mold - Direct Microscopic Analysis ☐ Spore-Trap(QTY) ☐ Bulk(QTY) | Microscor | Direct Spore-1 | - Peg- | 5 | | | (QTY) | 2 | ST. | 1 | ☐ ELAP 198.2/EPA 100.2 | 100.1_ | ☐ ELAP 198 | | | _ | _(QTY) | (ALO) | Estimate_ | DEPA 600 - Visual Estimate | I EPA 6 | |
| co€ | bust wife furnace (wife type) | ape rumac | MST AN | E | | | | | (YTY) |) Q | | abs) | Qual. (pres/abs) | rend 🗖 | , CX | | .(QTY) | l ô | | | (specify | Other (specify, pr.M Bulk | žo. |
| n. | (XTY) | Water | Waste Water | | | | (YTY) | (Q | | 99 | Quan. (s/arca)Dust D6480-99, | ea)Dust | n. (s/an | Qua | T | | | | (QTY) | Į (Ž | 17402 | NIOSH 7402 | DΩ |
| | (QTY) | Drinking Water | Drinkin | 00 | | Ų | (Q1X | | | 755-95 | Quan. (s/area) Vacuum D5755-95 | ea) Vacu | 1. (s/an | Ough Qua | | | | 2 | in a 25mm 37mm | in a | PC MCE Porosity_ | | اور |
| | (QTY) | lid | □ Soil/Solid | | | | \$ |) | | | | 1 (cha) | | TEM Dust | IE | | | | Type: | e Filter T | ☐ Fiberglass(QTY TEM Air — Please Indicate Filter Type: | 'd Fiberglass ∫ Air – Please | <u> </u> |
| | -(QTY) | [QT] | À | ΞŊ | | | | , | | QTY) | | ř | dual As | Residual Ash | | | | | (YTQ) | | 7400 | NIOSH 7400 | i (a) |
| (ALLA) | (QT) | hip wine t | Paint Chip. | Z) [| | | | 33 | | | ≤ leld | U ELAP 198.4/Chatfield NY State PLM/TEM | P 198. | | | | | • | er Type: in a 25mm 37mm | e Futer 1 | PCM Air - Please Indicate Filter Type: PC MCE Porosity in a 25t | AT - PI | <u>ک</u> اچ |
| | | - | Lead Analysis | ead A | L | | | | | | | | | TEM Bulk | H | | | | | ! | alysis | Asbestos Analysis | sbe |
| | @ | ☐ Email Copy: | Email | 0 | | | | | @ fax #_ | 8 | | | | ☐ Fax Copy: | □ Fax | | | | @ cell #_ | ļ | | ☐ Verbals: |] Ver |
| re-schedu | urs* []Late-Night* (*must be p | Information (Results will be provided as soon as technically feasible): □Immd. | e):]24hr | *Sible | ally fe | echnically feasible): nd. After-Hours* 2 | lmas t | as soo ay+[| □5 L | e pro ∏72hr | Reporting Information (Results will be provided as soon as to Informat | Result | Non. | nform : ∃Imme | fing I | Repo | (a) | h resul | ☐ Please include COC/field data sheets with results. Date & Time Results Required:/// | field da | ☐ Please include COC/field dat Date & Time Results Required: | ease inc | DPIc |
| | Water Res | Signature:_ | S | | | | | Non-R | ed by: | Submitted by: | 5. Sı | 4 | 3 | | | | Fax # | | | | | Phone #: | 5. PI |
| 2273 | - | (e) | | | | | | F. Spons | Contact Person: | ontact | 4. O | | | | | | | | | | 1 | Address 3: | |
| | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | # | _ P.O. # | | | | | We | | Job #: _ | 3. Jo | | | | | 3.6 | 21678 | 3 | 5-06 | E | | Address 2: | |
| | | | | Y. ONE. Y | Aca | 6.5 | 120 ST | m | ation: | Job Location: | 2. Je | | | | | | 2 | Lane | CYN Ben | Ξ | 1.30 | Address 1: | |
| F (MF) | 5 (MD Burea of 526 | | | W | 6.5 | Ch | であった。 | Submittal Information: | nform | mittal Info Job Name: | Subm 1. Jo | | | | | | T | Cost | Region | wmation: | Į į | lling/Billing I Client Name: | Maili 1. C |
| | | | | | | | | | | | | | | | | | | | | В | www.amalab.com | www. | |

Thanks for the info

Non-Responsive

NGB Regional Industrial Hygienist

Army National Guard

ATTN: NGB-ARS-IHNE

301-IH Old Bay Lane

Havre de Grace, MD 21078

410-942-0273 Ext 23

Ceil 443-807-9605

FAX 410-942-0254

From: Non-Responsive SFC MDARNG

Sent: Tuesday, March 07, 2006 12:30 PM

To: Non-Responsive CIV NGB Subject: POC for Glen Burnie

Ms. I am the POC for the Glen Burnie Armory vice SFC would be appreciated.

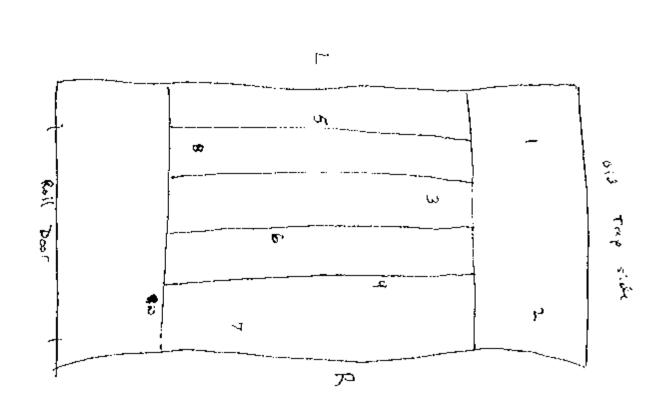
If you can correct your records it

SFC Readiness NCO

TRP C, (DRT) 1-158th CAV(RSTA) 410.768,1919

Glen Burnie MD

BEST AVAILABLE COPY (9) Ø \bigcirc (3) Flow 75' From frag wall, 4' From R well 7447 32 EASTON 5/5/06 from the work. fin the well, then try wer, 4 trees -1 frag with content between Ric α_0 *** de: 70 ~ 5120 المير *الإ*



APPENDIX F

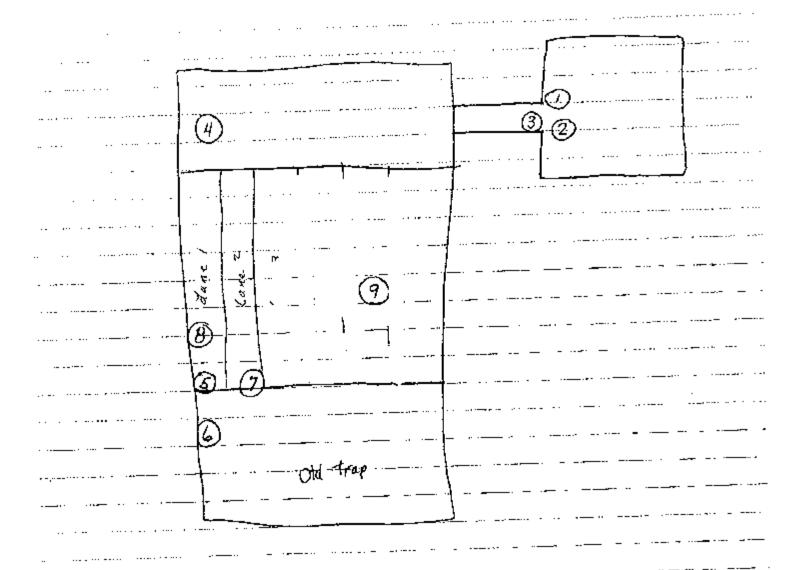
SURFACE WIPE SAMPLING SHEET

| Industrial Hygiene | Surface W | pe Samp | le She | et | |
|--|---------------------------------|--|----------|-------|-----------|
| Return Address | Point of Conta | oct <i>(name &)</i> 410-942-02 | | 5 | |
| Region North IH 301-IH Old Bay Lane Havre De Grace, MD 21078 | Samples Colle Non-Responsive | cted By | | | |
| Sampled Facility | City | State | <u> </u> | - | ldg/area) |
| Description of Operation | taston | MD | Date Sh | IFR | , |
| Description of Operation/ Converted IFR | Date Collected | | t . | ibbeq | _ |
| Analysis Desired Lead | | | | | |
| Sampling Data | | | | | |
| Location | Sample | # | Results | | Remarks |
| FLOOR OUTSIDE RANGE INSIDE | E-1 | | | | |
| FLOOR OUTSIDE RANGE, IMAGE | E-2 | | | | |
| FLOOR, TOP STEP IN MELWAY | 6-6 | | | | |
| IFAVINA DAILE | E-3 | | | | |
| FLOOD LEFT READ CORNER OF ROOM BENIND FIRINGLINE | E-4 | | | | |
| FLUOR, LANE #1, CORNER OF | <u> </u> | | | | |
| FLOOR, RIGHT SIDE OF REMOVED BULLET TRAP | E-6 | | | | |
| ELUIR LAND #2 at Removed | E-7 | | | | |
| FLOOR, UP RANGE OF E-1, ut Base of WALL | E-8 | | | | |
| RANGE RETNEEN LANDS | E-9 | | | | |
| Blank | E-10 | | | | |
| Blank | E-11 | | | | |
| | | | | | |
| Comments to Lab: | | | | | |
| | | | | | |

USACHPPM HORTH 301 6

BEST AVAILABLE COPY
4/25/06

Custon



4/6 4/25 Sample #9 → Sample #1 Sample #1 → Sample #5

大线的线型。

系数分段

Other (specify_

(QTY)

PCM Air - Please Indicate Filter Type:
PC MCE Perosity ______in a 25mm

37 mm

TEM Bulk

D ELAP 198.4/Chaificid

D NY State PLM/TEM

C Residual Ash

TEM Dust

Qual. (pres/abs) Vacuum/Dust

Quan. (s/area) Vacuum D5755-95

Quan. (s/area) Dust D6480-99

ĝ

☐ TCLP (QTY)
☐ Drinking Water (QTY)
☐ Waste Water (QTY)
☐ Dust Wipe Furnace (wipe type (

QTY

Mold - Direct Microscopic Analysis

C Fiberglass_

☐ NIOSH 7400....

IEM Air - Please Indicate Filter Type:
PC MCE Porosity_____in a 25mm 37mm
CJ AHERA_____(QTY)
CJ NIOSH 7402_____(QTY)

Asbestos Analysis

| 4. Address 3: 4. Contact Perso 5. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-742-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-942-0273 Fax #: 4/0-942-0254 5. Submitted by 1. Phone #: 4/0-942-0254 5. Submit | Mailing/Billing Information: 1. Client Name: N/66 Region Nocth 1/4 2. Address 1: 30 114 0/4 Bey land 3. Address 2: Have De Strace MD 21078 | ical Services, Inc. NVLAP (#101143-0) NY ELAP (10920) - Lanham, MD 20706 (800) 346-0961 - Fax (301) 459-2643 | |
|--|---|---|-----------------------------------|
| 4. Contact Perso 5. Submitted by (K. Saftis Kill is provided 135 Day 121 Journal Arts) (A. Saftis Kill is provided 135 Day 121 Journal Arts) | Submittal Information: 1. Job Name: EASTON 2. Job Location: EASTON 3. Job # | CHAIN OF CUSTODY | OFFICE WORLD, INC. (410) 247-2024 |
| Signature: Signature: Signature: SHE Signature: SHE STATE Hoth Waltington | ARMORY IFR | (Please Refer To This Number For Inquires) | 22501 |
| Heaville must be pro-sheariled Release | ed Record # | 148413 J-15-0085 (MD) I Guard Bureau | 210 REV. 3.05 |

PLM Bulk

C) EPA 600 - Visual Estimate.

C) EPA Point Count. CLIENT ID NUMBER LABORATORY STAFFONLY (CUSTODY) Other (specify......ELAP 198.1 □ NY State Friable. SAMPLE INFORMATION
SAMPLE LOCATION
DENTIFICATION DATE 7 F- 9 "一种"上 I IJ J 1/0 (QTY . (2TY) 93 TEM Water

O Qual. (pres/abs)

O ELAP 198.2/EPA 100.2

O EPA 100.1 ☐ All samples received in good condition unless otherwise noted.

(TEM Water samples ______°C) TEM LEAD . 233 MOLD AiR PP CFP BULK DUST MATRIX SPORE TRAP O Spore-Trap____
O Surface Swab__
O Surface Tape___ TAPE SIVAB Date/Time: Date/Time Date/Time: LABORATORY STAFF ONLY) CLIENT CONTACT Contact Contact Βy Βy: By: BEST AVAILABLE COPY Posted to NGB FOIA Reading May, 2018

изяснрри моктн

and Analysis

G Paint Chip (QTY)
G Dust Wipe (wipe type Great turbs)

☐ Air______

97

Page 223 of 5269

Agh

Mailing/Billing Information:

www.amalab.com

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

Client Name: NG 6

Address 1: 301-11

Bes

Nor th

Address 2: Houre de

3391

X V

としてい

BEST AVAILABLE COPY

AHERA

PC MCE Porosity_

_in a 25mm, 37mm CTY)

-(QTY)

[EM Air - Please Indicate Filter Type:

Fiberglass _ NIOSH 7400_

QT S

TEM Dust

☐ Verbals:

. @ cell #_

☐ Fax Copy: _

PCM Air – Please Indicate Filter Type:

PC MCE Porosity.

__ in a 25mm 37mm

Asbestos Analysis

Date & Time Results Required: _

Delease include COC/field data sheets with results

zults Reporting Information (Results will be provided as soon as reconscany teasible):

Phone # 410

942

0273

×2 S

Fax #

410

PLM Bulk Other (specify_ ☐ NIOSH 7402

-(OTY

SAMPLE INFORMATION
SAMPLE LOCATION
IDENTIFICATION D/ DATE

LITERS

 TE_M

EAD

MOLD

AIR

BULK

IAPE

SWAB

Date/Time:

(LABORATORY STAFF ONLY)

Contact:

By:

CLIENT CONTACT

DUST MATRIX

ANALYSIS

_c Ž WIPE AREA

EAS 2006,0406-01 Floor TANK £ 1000 £1.00. 200 17 10/2/2

27.5

2001 River

ではら2000のようい-13

LABORATORY STAFF ONLY: (CUSTODY)

@1040 Via: Feel EX By (Prin

.By (Print):

Via:

_Date:

りカント

Time:

Lancal

Sign:

Sign

4. Comments:

3. Results Reported To: Date/Time Analyzed: Date/Time RCVD:. ENSCODEDH06-12

EA520060406-09 5 8526060406-08

Fluir.

W. Ab

Date/Time

Contact:

By:

Posted to NGB FOIA Reading

Date/Time:

Contact:

By:

4520000466-10

*100r

3/3

\$520060406-11

Tibox

3

WASHING TOTAL

Brit, carac

5A770665466-67

71000

14 Mr44

35033

malleyay

EAS20060406-06 EA52001-0400-05 - 50700000000 -0-1 EAS20060486-03 E AD 2006 0406-02 CLIENT ID NUMBER

☐ EPA 600 - Visual Estimate 93

973 93

VOLUME

STQ QTS

. (STS) EM Water

☐ ELAP 198.2/EPA 100.2_ ☐ Qual. (pres/abs).

(QTY) (STS) L(QTY)

All samples received in good condition unless otherwise noted.

å

(TEM Water samples_

93 (QTY

☐ TCLP_____(QTY)
☐ Drinking Water_____(QT)
☐ Waste Water_____(QT)
☐ Dust Wipe Furnace (wipe type__ □ Soil/Solid.

Mold - Direct Microscopic Analysis

☐ Spore-Trap_

_(QTY) □ Bulk

. A

BEST AV BBABLE COR

_ (QTY) ☐ Other (Specify_ _ (QTY)□ Surface Vacuum Dust

☐ Surface Swab _ ☐ Surface Tape__

-23 3

93

Air (QTY)

Submitted Information:

1. Job Name: \(\beta A \) \(\chi A \) \(\ch Released by National Guard Bureau Page 224 of 5269

CHAIN OF CUSTODY Number For Inquires) (Please Refer To This

10040n

AMA Analytical Services, Inc. AHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

148405

| | | | | | | | | | | | | | | | | | mешts: | 4. Comments: | 4. |
|---|--|---|-----------------------|------------|-------------------|--------------------------------------|--|------------------|--|--|--|---|-----------|----------------|-------------------------|--|--|--|--|
| Initials: | Time: | | | } | | Date: | | | Viz | | | | | | | ted To: | Results Reported To: | 3. Resu | |
| | | P. | Sign: | | | | | | ₹ | _By (Print): | | ® | \hat{I} | | | alyzed: | Date/Time Analyzed: | 2. Date | |
| Sign: | | | | | | . | By (Print): | | | | Via: | (e) | | | | VD: | 1. Date/Time RCVD: | 1. Date/Time RCVD:// | J.ADO |
| Pos | | | | | | | | | | | | | | יי ויי | | The Control | COLVE VALUE | Macuria | 1 |
| sted to | | | | | | 3.50 3.50 3.50 3.50 3.50 | | | | | | | | | | | | | |
| o NGB | | | | | | | | | | | | | | | | | | | |
| Date/Time: Contact: By: O | Da | | | | | | | \forall | | | A Z | ZZ | | H | | BUANY | 3723 | EASTADIA 106-22 | EASON |
| Reading | | | | | | | | | | | 2 | | | | `\&\ | Floor, hallway | | CAZDOCOTOC | EA YOU |
| Date/Time: Contact: By: 6 | Da | | | | | | | | | | | | | | ž | flee bellway | 10000 | EAS 2066-0406-18 | EA576 |
| | | | | | | | | | | | | | | | | | 3.78 | E#320000446-16 | E#32 |
| Date/Time: Contact: By: | D ₂ | | | $-\lambda$ | | | | $-\sum$ | 100 | | 1. | - 4, 4. | | <u>6.</u> T | | Wall cange | .ig 57. | EAS26060466-14 EAS26060406-15 | EAS2 |
| (LABORATORY STAFF ONLY) (LABORATORY STAFF ONLY) | SWAB | TAPE | MATRIX / ESE / SEE | DUST | BULK | AIR | MOLD | PLM /LEAD | PCM ANALYSIS | TEM | WIPE AREA | 8 | VOLUME | DATE | ORMATI ATION TION | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION D. | SAN SA | CLIENT ID | zΩ |
| Mold - Direct Microscopic Analysis Spore-Trap(QTY) | Dust Wipe Fu d - Direct Micro Spore-Irap Surface Swab Surface Tape | | oted. | rwise n | ess other | Ty (QTY) | A Water (pres/abs) (QTY) □ ELAP 198.2/EPA 100.2 (QTY) □ EPA 100.1 (QTY) □ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | 00.2 d in goo | [Water] ☐ Qual. (pres/abs) ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 ☐ All samples received in | (Water Qual. (pres/abs) Qual | TEM Water Qual. (pres ELAP 198 EPA 100.1 All sample (TEM Water: | Ħ | | - (SLLS) | | (QTY)(QTY)(QTY)(QTY)(QTY) | ual Estima ntie ien ELAP 1 | Oher (specify | 400 REDUCTOR ABEDUCTOR MEGNATA POOD ON O |
| [3] 3] | d Analysis Paint Chip | Lead Analysis Paint Cl MacDust W. Air Soil/Sol Drinkin Waste V | | 303 303 | | (XIX) | (QIY) | cld | LBulk O ELAP 198.4/Chatfield O Residual Ash C Procedure PLM/TEM (QT) | L.Bulk D. EL.AP 198.4/ D. NY State PL! D. Residual Ash D. Dust D. Qual. (pres/al D. Quan. (s/area | TEM Bulk DEL/ DResi TEM Dust DQua | | | | 37mm) 37mm | | cate Filter | Asbestos Analysis PCM Air – Please Indicate Filter Type: PC MCE Porosity in a 25t Q NIOSH 7400 (QTY) G Höerglass (QTY) J Höerglass Indicate Filter Type: PC MCE Porosity in a 25t PC MCE Porosity (QTY) | Asbestos PCM Air PC N O NI O HI TEM Air PC N O AI |
| O E | ible): * □24ia: After: □ Email Copy: | echnically feasible): nd After-Hours* []2 [] En | mically After-H | as tecl | s soon | × Uded a | :: provided 172hr: []5] @ fax #_ | s will t | E Result | XXX Internal | ding Informs □ Immd □ Fax Copy: | Reporting Information (Results will b: provided as soon as: | 1 1 | alts © | with resi | data sheets wi ed:/ @ cell # |)C/field (S Requir | □Please include COQfield data sheets with results Date & Time Results Required: //////////////////////////////////// | □Please in Date & Tin □ Verballs |
| © phone # 410 942 0273 × 25-10 or dational G | P.O. # | | | | Non-Responsive | erson: | Contact Person: Submitted by: | 5 4 5 Si Qi | | 0254 | 2 0 | 410 942 | 1 | Fax #: | ×25 | 2 0273 | 12 2 | Address 3: | 5. Addr 4. Addr 5. Phon |
| | | | Z U | 4 | Essa, | Ä | Job Location: | | | | | | ó |) } | ן א | old Bay | ۱ ا | Address 1: 301-11 | |
| 5 (MD) Bureau | | | Clear | C | nation: FASTOV | m forms | Submittal Information: 1. Job Name: EAST | Subm 1. Jo | | | | | Ŧ | | Zert | 73 P. | ormation NGS | www.amalab.com Mailing/Billing Information: 1. Client Name: NG S | Mailing/ |

| | | | BULK SAM | PLE D | ATA | | | |
|-----------------|--|-----------------------------------|---------------------------------------|-------------|-------------|--|-------------------------|---------------------------------------|
| | For u | se of this form : | | | | onent is H | SHB-LO. | |
| rranonac | Address (com Guard Bureau litary Reservati | plete address , 301 IH OLD BAy | including Zin | Code) | | Point of Non-F | Contact (n | |
| Sample | d Installation | | Project No | | | ARLO | | 0273 EXT 18 |
| Eas | ton | · | | | | Anti | ~ | |
| Non | Respon | sive | Date Colle | Z | | Date | Shipped | |
| Descrip | tion of Operat | ion | 1 | | | Loca | tion (BL | DG/AREA) |
| Association | e Range | Conversed | to storage | are | a | East | tor ar | mory |
| X 8 8 0 1 1 | ted Completents | (be specific |) 0 | | | - | | |
| Associa Ye | ated Air Sampi s | 0 8 | If yes, II | st sam; | ie nu | nbers | ų. | |
| Trade N | loma. | | Label Info | rmation | | | | |
| IIAGG N | ıame | j * | 181 | : | Man | ufacturer | | |
| Address | 1 | | | | MSD | S Attache | d | · · · · · · · · · · · · · · · · · · · |
| | | | | | | Yes | _ | No |
| Analysis | s Desired | d Wipes | - Furna | ce m | e the | <u> </u> | | |
| Lab Use Only | Sample No. | Constit | | T | Resul | | · R | emarks |
| | EA3092304 | | | | | | Floor - LF | f side of cage |
| | 00 (EASO 12304 | | | · | | | range (fi | ring line) |
| | 002 | | | | | | | ten who 1. bullet trop |
| | CO3 | | | | | | Floor . RT RT wall , | sid, 4' from |
| | EA5692304 004 | | | | | | LH>, 13t C | age as your |
| | EAS092304 | | · · · · · · · · · · · · · · · · · · · | | ····· | [| from fl | , , , |
| _ | 005 | | | | | | store, | Rt Sul, 2' Soon |
| Commen | is to Lab | | | | | (Co | ntinued o | n other side) |
| | | | Lab Use | Only | | ······································ | | |
| Analyst | (initials) | Reviewed | By (initials) | | Date | Receive | d D | ate Reported |
| Procedur | es Performed | Com | ıments; | | L | | | |
| · | Posted to NGR FOIA | Reading Room | BEST A | VAILABLE | COPY | FOIA I | Requested Re | cord #J-15-0085 (MD) |

| ab Use Only | Sample No. | Constituents | Results | Remarks |
|----------------|-----------------------|---------------------|--|--|
| | ENSO12304 | <u> </u> | | |
| <u>-</u> | EA5092304 | | | well, 5' from floor |
| <u> </u> | 007 | <u> </u> | | RHS 74 from Pear coince |
| | 068 | | - | RHS 74 from Gen Curner 54 from 9005 RHS coge (10805+ to |
| | E A3092304 | — —- | <u> </u> | |
| | 009 | | | RILS rage partnert from back |
| | EA5002364 | | | Girl to right of shot fom |
| | EANOTESOY | | <u> </u> | KILS cage partner from back stop just to right of strifton Girds, running x wise in rem of range top 101 for Top of electrical large 8 112 |
| | 011 | | | Top of electrical box, RH3 |
| [| EN5092304 | · | | Coment beam to LFT |
| | 8A1092304 | | | |
| —— <u> </u> | 0/3 | | | Rome Wall Center 5ft from floor Know wall LHS beglinder Much lengths from LHS 8ft |
| ' | 6A3012304 | | · · · · · · · · · · · · · · · · · · · | Know Hall LHS to call when |
| | EAS012364 | | <u> </u> | lack learths from lets sto |
| | EASO92504 | · | | Reanwall RHS (2 Afterna COLDER 7Afterna Hoper) |
| | 014 | | | |
| 1 | CIT | ·— | | BLANK |
| | EA20923641 | | | BLANK |
| [_ | 018 | . -T | | Top of Stairs exiting range on eles |
| 1.5 | 019 | | | range on LUS |
| — E | A5092304 | <u></u> | | colee mochine on dell of |
| | 020 | _ | | Floor, in Scool of cole proching on drill for Top of Glass cabinet in front of 2 cages of CHS |
| 1 | | | <u> </u> | in that of 2 cages of PHS |
| -+ | | | | |
| | | _] | <u></u> | , , <u>, , , , , , , , , , , , , , , , , </u> |
| Ì | | | | |
| | | | _ | |
| — ‡ | | | | |
| | | | | |
| | | | | <u> </u> |
| | | · | | |
| | | | | |
| | | | | <u> </u> |
| | | | | |
| | | | | |
| | | | | |
| \ | | | | |
| ^. | 1 - | | | |
| | | · · | | |
| | sted to NGB FOIA Read | ng Room BEST AVAILA | 1 | |

130308

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

| | @ phone # 301 677 3688 | Information (Results will be provided as soon as technically feasible): []immd | YPe(QTY) | 5 18 18 18 | ☐ Drinking Water(QTY) ☐ Waste Water(QTY) ★Dust Wipe Furnace (wipe type)(QTY | (QTY)(QTY) | CLIENT CONTACT | (LABORATORY STAFF ONLX) | ne: Contact: By: | | | ne: Contact: By: | | | me: Contact: By: | | | | | | Dutials: | |
|---|-------------------------------|---|---|--|--|---|--|-------------------------|------------------|--|----------------|--------------------------------------|---------------|----------------|------------------|-----------------|--------------------------------|-------------|----------------------------------|-----------------------|------------------------|--------------|
| * | #. @ gnature: | After-Ho Copy: | hip ipe (wipe | bd | g Water Vater ipe Furna | Analysis | | | Date/Time: | | | Date/Time: | | | Date/Time | | | | Sign. | | Time: | |
| | Sign | Reporting Information (Results will be provided as soon as technically feasible): [Jimmd. \[\] 24hr \[\] 72hr \[\] \[\] Day + \[\] immd. After-Hours* \[\] 24hr After-Hours* \[\] | Lead Analysis Deaint Chip Dust Wipe (wipe type. | O Air O Soil/Solid | Drinking Water. Waste Water. KDust Wipe Furn | Miscellaneous Analysis Cl Radon Cl Other (specify | E V | OTHER | | | 0.000 | 1000 1000 1000 1000 1000 | | | | | Sec. 7175 out Country | | | | P. | |
| AD | | ally feasi er-Hours' 132 | Leac | | · | Mis | MATRIX | BULK WIPE | | | | | | | | | A CONTRACTOR OF THE CONTRACTOR | 17 | | Sign | | |
| < | | technic and Aft 77 7 | | | £ | | Ξ | AIR BUI | | 1,000 | | | | | | | | | | | | |
| tion: Easton Easton | 169 | seon as √+⊡⊞ of 6 | 0 | (QTY) | (QTY) (QTY) | 3 | |) | | | | | | 250000 C | | | | | | | | |
| Submittal Information: 1. Job Name: <u>Easton</u> 2. Job Location: <u>Easto</u> | Contact Person: Submitted by: | wided a □5 Da fax # 3 | (OTY) | ۲) | 5 | E 3 | # \$\frac{1}{2} | PLM LEAD OTHER | | | | | | | | 200 | | | } } | | Date | |
| bmittal Inform Job Name: Job Location: | Contact | ill be pro r □72h we @ | | (QFY) | O Quan. (s/area) Vacuum D5755-95 O Quan. (s/area)Dust D6480-99 | [S | ANALYSIS | PLM 1 | | 2 | | | | | | | | | Ŕ | | | |
| | | esults w r 048h | Chatfield, | C Residual Ash CDust Oual (pres/abs) Vacuum/Dust | ☐ Quan. (s/area) Vacuum D5755. ☐ Quan. (s/area)Dust D6480-99. I.Water | U Cual. (pres/abs) |) } \$ | ଧୁ | | 000000000000000000000000000000000000000 | | | | | | | | | | ŧ | Zia. | |
| | | ation (R d □ 24b Co.4c | 1Bulk DELAP 198.4/Chatfield DNY State PLM/TEM | ☐ Residual Ash. LDust ☐ Oual. (pres/ab | m. (s/area m. (s/area r | | | TEM | | 0.0100000000000000000000000000000000000 | | | | | | | | | 82 5 | By (Print) | | |
| | | rting Inform [Jimm Pax Copy | TEM Bulk | TEM Dust | Coar Coar TEM Water | | T Comment | WIPE ARE/ | 4.x | | _ | | | | | | | > | | 8 | | |
| 9000 | 2) 0 | eporting | | H | H | 4 | ک او | VOLUME (LITERS) | | 00 10 00 10 10 10 10 10 10 10 10 10 10 1 | | | | | | (SC) | | | @ | 120000 | | |
| ~ Y | 1 | LEUGE LOS | | | 2 | | QTY) (QTY) NEORMATI | DATE | | 000000000000000000000000000000000000000 | | | | | | | | | 18 | Ž | | A STANSON |
| * | 4 | | | | m (OTY) | (QTY) | (VTQ) (VTQ) (VTQ) | NOI | | | | | | | | | | | TODY | | | |
| National Old B | χ 5 5 | # [ao @ | : imm 37mm | (QTY) TY) Te: | 25mm 37m CY) -(QTY)) | (QTX) | AP 198.1 (QTY) T CAMPIE ANALYSIS INFORMATION | SAMPLE LOCATION | | | | | | | | | | | X; (CD) | Pe | j. O | |
| tion: | 2 0273 | puired | Ther Type in a 25 | (QTY) | in a 25n (QTY) (Q | timate | AP 198.1 | SAMPL | | | | | | | | | | | FF ON | e Analy | cported | tts: |
| Www.amalab.com www.amalab.com www.amalab.com www.amalab.com www.amalab.com Client Name: Acry N | Address 3: HAVEE | No. 1 1000 F. 17. 17. 18. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19 | Sobestos Analysis PCM Air – Please Indicate Filter Type: PC MCE Porosity in a 25mm | ☐ NIOSH 7400 | PC MCE Porosity— AHERA NIOSH 7402 Other (specify |) #000 1 | Grav. Reduction EL | CLIENT ID | EAS 092364-001 | EAS091304-002 | JEAS042304-063 | BEASO1204-104 | EAS692304-006 | EASO42364-00 + | EA-2942304-009 | EASO12364 - CAO | EASS42364 - 0/3 | 2 | LABORATORY STAFF ONLY: (CUSTODY) | 2. Date/Time Analyzed | 3. Results Reported To | 4. Comments: |
| May, 2018 | | - toughty:N | QUIPII | | | | _ 33 | | | | ı Oli | | | by Na | ation: | al Gua age 2 | ard B | urea | aú | | | |

BEST AVAILABLE COPY

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

FOIA Requested Record #J-15-0085 (MD)

Released by National Guard Bureau

Page 228 of 5269

130308

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| | BEST AVAILABL | E COPY | | | |
|--|---|---|--|---|--|
| 3688 | (CLLS): | By: | By: | By: | |
| 677 | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) | CLIENT CONTACT (LABORATORY STAFF ONLY) Contact: | Contact: | Contact: | Duttals |
| Signature: | A Analysis O Paint Chip O Dust Wipe (wipe type O Air O TCLP O Dinking Water Waste Water Waste Water Waste Water O Radon O Radon O Other (specify | (L Date/Time: | Date/Time: | Date/Time: | 35 S |
| P.O. #.— Signatur By feasible: FEBOWS* [724hr After-] | Lead Analysis 1 Paint Chip 2 Dust Wipe (wipe 1 Air 2 Air 3 Air 4 Dinking Water 5 Waste Water 7 Where Wipe Furna Miscellaneous Analysis 1 Radon | WATER | | | L. L. |
| Michily feat | Lea | MATRIX BULK WIPE | | | Sign |
| Easton Easton Easton Easton Ensurement | -(œry) -(œry) -(œry) | AB. | | | |
| nformation: ption: ption: doby: doby: fided as: | (GTV) | IS LEAD OTHER | | | Opino. |
| Submittal In 1. Job Nan 2. Job Loc 3. Job # 4. Contact 5. Submitte itts will be gro 4880 [772hr | SS7555 / | ANALYSIS PCM PLM) | | | 3 |
| | ABulk UELAP 198.4/Chaffeld ONY State PLM/TEM ONY State PLM/TEM OResidual Ash OQual. (pres/abs) Vacuum OQuan. (s/area) Vacuum OQuan. (s/area) Dust D64 I Water OQual. (pres/abs) OELAP 198.2/EPA 100.2 OELAP 100.1 | TEM | | | in the second se |
| Reporting Informa | TEMBUIK DE AP 198.4/C DE NY State PLM DESidual Ash TEMDUST DOUAL (pres/abs) DOUAL (pres/abs) DOUAL (pres/abs) DOUAL (pres/abs) DOUAL (pres/abs) DELAP 198.2/E DEPA 100.1 | TON VOLUME WIPE (LITERS) AREA | | | |
| Guard Lam MD 21072 Fax#. | £ 6 | MAT | | | |
| | | ALYSIS INF | | | A Xaoostoo |
| 10] [2] | 255mm 2757 25mm 2777 25mm 1779 1177 1177 1177 1177 1177 1177 1177 | SAMPLE ANALYSIS SAMPLE LOCATION | Blank | | F. C. C. C. C. C. C. C. C. C. C. C. C. C. |
| OMailing/Billing Information: School Client Name: Acrey O2. Address 1: 201-1H O3. Address 2: Hxvre & O3. Address 3: O4. Address 3: O5. Phone # 410 942 0 B B B B B B B B B B B B B B B B B B B | Assestor Analysis PC MAIR - Please Indicate Filter Type: PC MCE Porosity in a 25t | | EASO42304-0/5 EASO42304-0/€ EASO42304-0/∓ EASO42304-0/8 | 100 H | ELUMERATORY STATE ONLY EABORATORY STATE ONLY 1 Date Time RCVD 2 Date Time Analyzed 3 Results Reported To 4 Comments |
| Address 1: Opposite Address 3: Phone # 410 Phone # 410 Phone # 410 Phone # 62 Phone # 63 Phone # 63 Phone # 64 Phone # 64 Phone # 64 Phone # 65 | SASPectos Analysis PC Adi — Please Ind O NIOSH 7400. O Fiberglass O NIOSH 7402. O AHERA | . S | EASO42304 -0/5 EASO42304-0//E EASO42304 -0/7 EASO403044-0/8 | EASC42304 EASC42304 EASC42304 EASC42304 EASC42304 | COM EABORATE |
| May, 2018 | 91.00111 | | R | equested Record #J- eleased by National C | 13-0083 (MD) Guard Bureau e 229 of 5269 |

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

Attention

nalytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address Ü National Gozard Burezu

State Military Reservation 301-IH Old Bay Lanc, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

P.O. Number: Jeb Location: Job Name: Jab Number:

Not Provided Easton, MD

Easton

Chain Of Custody:

BPA #W912K5-04-A0002

Pecson Submitting: Date Analyzed:

Report Date:

9/30/2004

52-Oct-04

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | |
|----------------------------------|--|
| Client Sample Number | |
| Amalysis Type | |
| Sample Type | |
| Air Volume (L) | |
| Area Wiped (ft ²) | |
| Reporting Limie | |
| Final Result | The same of the sa |
| Commecats | |

| 0469959 | 0469958 | 0469957 | 0469956 | 0469955 | 0469954 | 0469953 | 0469952 | 0469951 | 0469950 | 0469949 | 0469948 | 0469947 | 0469946 | 0469945 | 0469944 |
|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|
| EAS 092304-016 | EAS 092304-015 | EAS 092304-014 | EAS 092304-013 | EAS 092304-012 | EAS 092304-011 | EAS 092304-010 | EAS 092304-009 | EAS 092304-008 | EAS 092304-007 | EAS 092304-006 | EAS 092304-005 | EAS 092304-004 | EAS 092304-003 | EAS 092304-002 | EAS 092304-001 |
| Formers | Fornace | Furnace | Furnace | Furnace | Flame | Flame | Furnace | Furnace | Funzice | Furnace | Femace | Furnace | Flumace | Sumace | Furnace |
| Wipe Blank | Wipe | Wipe | Wipe | Wipe | ¥Търе | Wipe |
| 2*6 | * | *** | *** | *** | *** | **** | topsuk | **** | *** | ** | • | **** | **** | **** | **** |
| N.V | 0.111 | 0.111 | 0.113 | 111.6 | 0.111 | 0.111 | 0.111 | 0.111 | 0.111 | 0.113 | 0.111 | 0.111 | 0.113 | 0.11.0 | 111.0 |
| 0.30 | 2.70 | 2.70 | 2.70 | 3375.34 | 108.01 | 108.01 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 67.51 | 135.01 | 67.51 |
| W. | ab/fir | urg/ff2 | ug/ftr | ug/ff* | n g/ft a | eAJØ1 | 13/Ga | AJ,Bn | AL/An | ug/ff= | ug/ft² | ug/ft² | ag/gu | ug/fft² | ngyffi ² |
| | | | | | | | | | | | | | | | |
| 0.6 | \$.8 | 4.6 | 5.5 | 7100 | 35000 | 1900 | 7.2 | 7.1 | 9.5 | 11 | 7 | 4 | 230 | 8 | 220 |

BEST AVAILABLE COPY

0469960 EAS 092304-017 Furnace Wipe Blank 1998 N/A 0.30 ug 0.45 ug 0.45 ug 0.469961 EAS 092304-018 Furnace Wipe Blank 1998 111 2.70 ug/ft 20 ug/ft

applies only to polarized fight microscopy of balk samples and transmission electron microscopy of AHERA air samples. This report must not be used to elsim, and does not imply product extification, approval, or endorsement by NELAP, NIST, or any agency of the Federial Government.

An Allia (#8863), NYL/AP (# 101143), & New York EL/AP (#10920) Accredited Laboratory

NYLAP, NIST, or any agency of the Federal Government.

1:43PM

FOIA Requested Record #J-15-0085 (MP Released by National Guard Bureau Page 220 TOTAL

NVLAP, NEST, or any agency of the Federal Government

An AIHA (#8863), NYLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

No.3722

Affeation:

ρ,

A Specialized Environmental Laboratory

inalytical Services, Inc.

CERTIFICATE OF ANALYSIS

Address: Ω. Ε 301-EH Old Bay Lane, Attn: NGB-AVN-SI Havre de Cirace, Maryland 21078 State Military Reservation National Guard Burcau Jeb Number: Job Location: Job Name: Not Provided Easton, MD Easton Person Submitting: Date Analyzed: Chain Of Custody:

P.O. Number:

BPA#W912K6-04-A0002

Report Date:

01-Op-04

30308 9/30/2004

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | |
|----------------------------------|--|
| Client Sample Number | |
| Assalysis Type | |
| Sample Type | |
| Air Volume (L) | *************************************** |
| Area Wiped (ff [*]) | |
| Reporting Limit | and the state of t |
| Flori Result | |
| Comments | |

considered when interpreting the result Note: All results have two significant digits. Any additional digits shown should not be Analysis Method For Furnace: Air, Wipes, Paints, and Soit/Soitds: EPA 600/R-90/200(M)-7421; Water: SN-31138 mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L == parts per billion (ppb)

Analysis Method for Flame: Air, Wipes, Paints, and Soll/Solids: EPA 600/R-93/200(M)-7420; Water, S.H-3111B

BEST AVAILABLE COPY

%Pb = percent lead by weight

N/A = Not Applicable

Analyst

Тескийса! Жахарет

BEST AVAILABLE COPY

Page 2 of 2 FOIA Requested Record #J-15-0085 (Markeleased by National Guard Bureau Page 231 of 5269

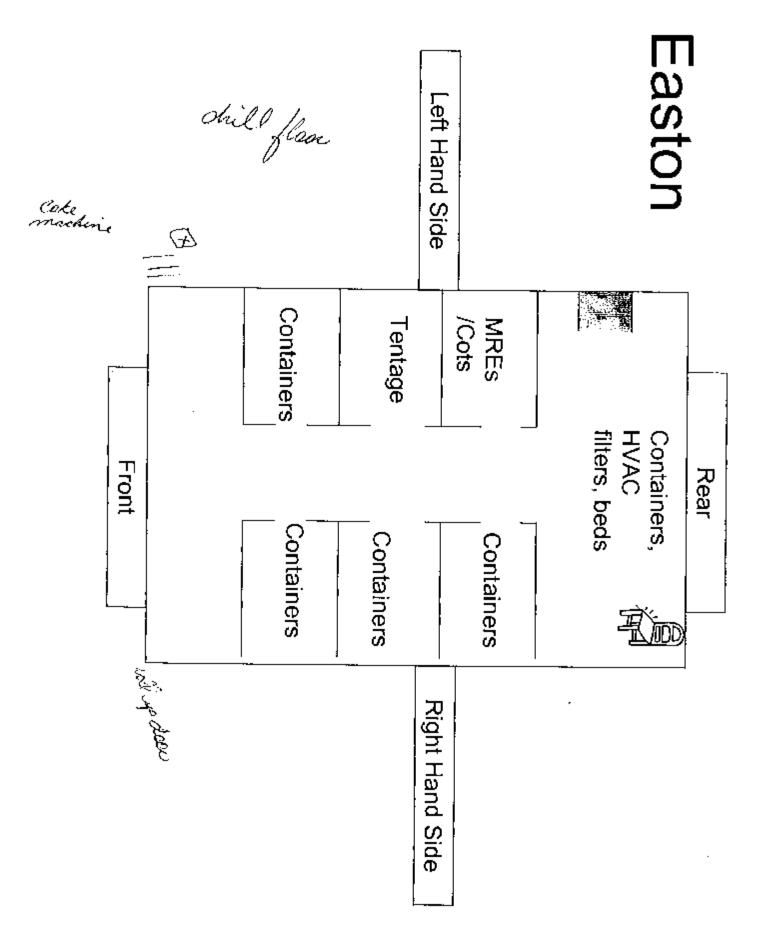
is report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the common mark is not use uses, in whose or in part, many announced to personned of these Laboratories, we expressly dischoin any knowledge and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation for the accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation for the accordance with the appropriate regulatory guidelines, unless otherwise requested by the client in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client to whom the accordance with the appropriate regulatory guidelines. applies only to polarized light necroscopy of balk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product excidention, approval, or endorsement by The transfer only to the sample, or samples, investigated and is not necessarily indicators of the quality or condition of apparently identical or sample or public or being products. As a marked products. As a marked products. As a marked products and these Laboratorios, a report is submitted and accupied for the excitative condition that it is not to be used, in whole or in part, in any advertising or public and these Laboratorios, and the sample of the desired products and the condition that it is not to be used, in whole or in part, in any advertising or public and these Laboratorios, and the sample of the desired part in part, in any advertising or public and these Laboratorios.

The table of the desired part is a part in any advertising or public and these Laboratorios.

The table of the desired part is a part in any advertising or public and these Laboratorios.

The table of the desired part is a part in any advertising or public and these Laboratorios.

The table of the desired part is a part in any advertising or public and the sample of the desired part in any advertising or public and the part is a part in any advertising or public and the part is a part in any advertising or public and the part is a part in any advertising or public and the part is a part in a part in any advertising or public and the part is a part in a part in any advertising or public and according to the part is a part in All rights reserved. AMA Analytical Services, May, 2018



| | | | BULK SAM | DI E D | 4 T 4 | | | ···· |
|-----------------|-------------------|----------------|--|-------------|----------|-------------|----------------------------|--------------------------------------|
| | For | una af this fo | | | | | | |
| Datum | | | rm see USAERA T(| | | onent is H | SHB-L | 0. |
| p i wiwiiac | Quara Darzana | | ess including Zip BAY LANE, AHN; NO | 2.0 | J-S.C | | | ot (name/AUTOVON) Onsive |
| Sample | d Installation | tion, Have | e De Grace MD | | | | | - 0273 EXT 18 |
| Eas | ton | | Project Nu | ımber | | ARL | | |
| Non | -Respo | nsive | 09/28/ | / | | Date | Ship | ped |
| Descrip | tion of Opera | tion | | | | Loca | tion | (BLDG/AREA) |
| Kife | e Kange | Cenve | ited to storage | are | a | i i | | amou |
| Associ | ated Complaint | s (be spec | ific) O | | | <u></u> | -0-0 | Unit was |
| Associa Y e | ated Air Samp | les | If yes, li | at samp | ole nun | nbers | | |
| | | | Label Infor | mation | | | | |
| Trade N | lame | | NSN | | Manu | facturer | · | · |
| Address |) | | | | MSD | 5 Attache | | |
| | | • - | | | | — |) a | ~ |
| Anglysis | Desired , | | | | · | Yes | | No |
| | Lea | ad Wip | es - Furnac | e m | etho, | d | | |
| Lab Use Only | Sample No. | | stituents | | Result | | - | Remarks |
| | £43042304 | | | | * | | Floor | - LFT side of cage |
| | 001 FASO 12304 | | | <u> </u> | <u> </u> | | range | Cfirles line) |
| | 002 | | | | | ı | Floor - lane e began | ctr ion who and a librillat texp |
| | CO3 | | | | | | Floor . | RT sich, 4' from |
| | EA5092304 | · · | | ļ | | | | |
| | 064 | | | | | | enter, | Rt side, 71 |
| | EAS092304 | | ¥: | | | | | thour cage from .c. Rt Sich, 2' from |
| Common | 005 | | • | | _ | | sever sever | ice, Rt Sich, 2' Cron |
| Comment | S TO LAD | | | | | (Co | ntinue | d on other side) |
| | | | Lab Use (| Only | | | | |
| Analyst (| (initials) | Reviewe | d By (initials) | | Date | Receive | d | Date Reported |
| Procedur | es Performed | c | omments: | | | | 1 | |
| | B-I-L-NOR FOLA | Reading Room | BEST AVA | AII ABI E C | OPY | EOIA D | oguaetor | 1 Decord #1 15 0085 (MD) |

| b Use Only | Sample No. | Constituents | Resuits | Remarks |
|--------------------|------------------|--|----------------|--|
| | EASO12304 | | | LHD 31 from som |
| | EA3012304 | | | well, 5' from floor |
| | 007 | | | RHS 7.6 from For Coince & A Gran Floor RHS coye (108054 to backstop next loshe (f. 2A) |
| · · | E 45645304 | | | 5 A Gam floor |
| | 068 | <u></u> | | backden and brack 1020 |
| | E A3032344 | | | RIES rage farthest from bad |
| · ····· | 009 | - <u></u> | <u> </u> | ster just to right of shelf no |
| | 010 | | | Girch, running x-wise in tem of sange top , 101 C |
| | EA>012304 | · · · · · · · · · · · · · · · · · · · | | Ten of sange toy, 101 C |
| | 011 | | ĺ | to pot electrical trux, RH |
| | EASC42304 | | - | Company of the |
| | 612 | | | Cernint beam to LF of last unit duct on L |
| | 5A3092304 | | | Rear Wall Control |
| | 013 Enso12304 | | | 5A from Plear |
| | 014 | - | Į | Reac Wall Center 5A from Floor Reac wall Lits beginner such lengths from Uts 5+ |
| | EASO12304 | | | Much lengths from Uts St |
| : | ois | | | Romanti RHS (2) After Counce 7ff Frankers |
| | EA5012504 | | | COLLAR 744 Grantless) |
| | 016 | <u> </u> | | BLANK |
| - 1 | ER3092304 | | | · · · · · · · · · · · · · · · · · · · |
| | E02042304 | | | BLANK |
|] | 018 | • | | Top of Stairs existing range on LUS |
| · — | £A5091364 | | | range on LUS |
| | 019 | | | Floor, in Scort of color muchine on drill f |
| T | EPSO12304 | | | The of Class or head |
| - — | 020 | | | 18p of Glass cubinet in Front of 2 Caypes of PHS |
| ļ | | | | The state of the s |
| -} | | | | |
| l | | | | |
| —· | | | <u> </u> | |
| | | i | | [|
| | | | . | |
| | | | | · [|
| ļ | | | | · |
| - | | | | <u> </u> |
| | ļ | | | |
| - | | —————————————————————————————————————— | | |
| 1 | | l | | |
| 一十 | | | · | |
| | | | | 1 |
| T | | | ·· | · |
| | | | | ! |
| ł | 1 - | | | · |
| | | | | 1 |
| | 1 | | | - |

20308 (Please Refer To This Number For Inquires)

CHAIN OF CUSTODY (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

BEST AVAILABLE COPY _ 🗆 Immd 🗀 24hr 🗀 48hr 🗀 72hr 💢 5 Day + 🗀 Immd. After-Hours* 🗀 24hr After-Hours* 🗀 Late-Night* (*must be pre-scheduled) 3688 By: By: By: (LABORATORY STAFF ONLY) (STS) CLIENT CONTACT Contact: Contact: @ phone # _30! (OTY) Dust Wipe Furnace (wipe type... (QTY) (2,13) (SE) ☐ Paint Chip ☐ Dust Wipe (wipe type. Date/Time: Date/Time: Date/Time: Miscellaneous Analysis: Signature: Drinking Water. . D Email Copy: Other (specify, ■ Waste Water_ ☐ Air ☐ Soil/Solid ☐ TCLP P.O. # Lead Analysis 🗌 Radon | Submittal Information:
| Submittal Information: | Submittal Information: | Submittal Information: | Submittal Information: | Submittal Information: | Submittal Information: | Submittal Information: | Eus-ton | MD |
| Solution | Submittal Information: | Submittal Information: | Eus-ton | MD |
| Solution | Submittal Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel Information: | Submittel In BULK WIPE MATRIX (013) AIR (QTY) (013) OTHER (OTY) PLM LEAD (STS) * please report in my 🗅 Quan. (s/area) Vacuum D5755-95 (QTY) ANALYSIS 🗖 Qual. (pres/abs) Vacuum/Dust, ☐ Quan. (s/area)Dust D6480-99... □ Fax Copy: €124/y Herri 24 ☐ ELAP 198.2/EPA 100.2. ELAP 198.4/Chatfield PCM ☐ NY State PLM/TEM Qual. (pres/abs). Besidual Ash_ TEM ☐ EPA 100.1 TEM Water TEM Dust AREA WIPE VOLUME (LTTERS) SAMPLE ANALYSIS INFORMATION DATE (STS) 933 (OIY) .(QTY) SAMPLE LOCATION O Asbestos Analysis

O Asbestos Analysis

O POM Air – Please Indicate Filter Type:

D Porosity — in a 25nm 37mm TEM Air – Picase Indicate Filter Type:
TEM Air – Picase Indicate Filter Type:
The Powerity in a 25mm 37mm (QTY) (QTY) (QTY) (OTX) 67.3 ☐ EPA 600 — Visual Estimate
☐ EPA Point Count
☐ NY State Friable
☐ Grav. Reduction ELAP 198.1
☐ Other (specify Grav. Reduction ELAP 198,1 PC MCE Porosity_

AHERA

NIOSH 7402

Other (specify_ PC MCE Porosity_ □ NIOSH 7400_ EASO92304-007 EBS092364 - 017 EASO92304-003 EAS692364 - 006 EAS692364 - 006 Bedsead by Nation FA5092304-802 EAS692364-005 ERES2304-013 SERS692304 -006 EASO42204-004 EASS42364 - OLO EAS 092364-00 E 05092364-011 CLIENT ID NUMBER OR OF THE STANDING TO THE STAN Released by National Guard Bureau

Sign

Time:

Date:

Via:

By (Print): __

@715 Via: DROP BX By (Pont):

SEXXISOT - U.O. 1 ELABORATORY STAFF ONLY: (CLISTODY)

Page 235 of 5269

Date/Time RCVD:

3. Results Reported To:_ 2. Date/Time Analyzed:

Comments:

Sign:

ALHA (#8863) NVLAP (#1143) NY ELAP (10920) RMR Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

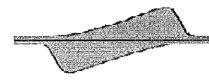
SUBJECT: Edgewood Armory Indoor Firing Range

- 1. An email dated 01 August 2006 from the CFMO stated that the Edgewood Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsivent (410) 942-0273 x23.



NGB Regional Industrial Hygienist





Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 7, 2003

Laboratory Code:

RES NA

Subcontract Number: Laboratory Report:

RES 95626-1

Project Description:

None Given

MD National Guard

Non-Responsive

USACHPPM

USACHPM, ATTN: MCHB-TS-OFS Bldg 1570

APG MD 21010

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 95626-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



President

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIHA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number:

RES 95626-1

Client:

USACHPPM

Client Project Number / P.O.:

None Given

Client Project Description:

MD National Guard

Date Samples Received:

July 18, 2003

Analysis Type:

USEPA SW846 3050B / AA(7420)

Turnaround:

3-5 Day

Date Samples Analyzed:

July 24, 2003

| Client | Lab | Sample | LEAD | Detection | LEAD |
|-----------|-----------|----------|------|-------------|---------------|
| ID Number | ID Number | Area | (µg) | Limit | CONCENTRATION |
| | | (sq.ft.) | | (μg/sq.ft.) | (µg/sq.ft.) |
| ELBLANK1 | EM 796343 | 0.11 | BDL | 23 | BDL |
| ELWO1 | EM 796344 | 0.11 | 4.3 | 23 | 39 |
| ELWO2 | EM 796345 | 0.11 | BDL | 23 | BDL |
| ELWO3 | EM 796346 | 0.11 | 6.5 | 23 | 59 |
| ELWO4 | EM 796347 | 0.11 | 5.0 | 23 | 45 |
| ELW05 | EM 796348 | 0.11 | BDL | 23 | BDL |
| ELBLANK2 | EM 796349 | 0.11 | BDL | 23 | BDL |
| ELWO6 | EM 796350 | 0.11 | BDL | 23 | BDL |
| ELWO7 | EM 796351 | 0.11 | 52.6 | 23 | 478 |
| ELWO8 | EM 796352 | 0.11 | 13.2 | 23 | 120 |
| ELWO9 | EM 796353 | 0.11 | BDL | 23 | BDL |
| ELW10 | EM 796354 | 11.0 | BDL | 23 | BDL |
| ELBLANK3 | EM 796355 | 0.11 | BDL | 23 | BDL |
| ELW11 | EM 796356 | 0.11 | 9.0 | 23 | 82 |
| ELW12 | EM 796357 | 0.11 | 8.9 | 23 | 81 |
| ELW13 | EM 796358 | 0.11 | 3.5 | 23 | 32 |
| ELW14 | EM 796359 | 0.11 | 35.0 | 23 | 318 |
| ELW15 | EM 796360 | 0.11 | BDL | 23 | BDL |
| ELBLANK4 | EM 796361 | 0.11 | BDL | 23 | BDL |
| ELW16 | EM 796362 | 0.11 | BDL | 23 | BDL |
| ELW17 | EM 796363 | 0.11 | BDL | 23 | BDL |

^{*}Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted

Non-Responsive to the state of

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denvor CO 80211 95626 Our Date: 7/23-7/25 RESIJob #: Gira Time: SAMPLES SUBMITED BY: INVOICE TO: (IF DIFFERENT) CLARPATY USALMUCHPPL 10000 410-436-5475Fm 410-436-547 Freque 410-436-3118 Fax 410-426-1-47 Final Data Deliveratio Emili Address. Project Description Leaviers After Hours/Weekend CHARGE: Amount \$ Authorized by: Additional fees apply for after hours and holidays for all analysis types. Samples will be analyzed during normal laboratory hours unless otherwise arranged and specified on the chain of custody. Turnaround is subject to laboratory volume. You will be notified if delays are **ASSESTOS LABORATORY HOURS:** Weekdays: ANALYTICAL METHOD 7am - 7pm AIR PCM 7460A, 7410B, USHA TEM AHERA, LOTOLA, 7402 ISO, PCM/PLM 2 Hour RUSH ____24 hour 3-5 weekdays ISO-honest Project Charles Pros/Abs AA/ICP aaron ___ rora TEM 6 Hour RUSH 24 light 1-5 weekdays Com Total Rescholds . Prior Mosco Required for Tell 6 Hour Rush BULK: PLM Shortreport, Longregiest, Point Count METALS LABORATORY HOURS: Weekdays: Wiles LEAD Has 8am - Spin AΑ SPECIAL RUSH 24 Heist X 3-5 Osy Post SN DNI WPA TOLP (ASTULE 1797 accomed bipos engl) RCRA 6 SPECIAL RUSH ___ \$ Day 10 Day WATER TEM Driffing. Waste Water AA Water Ideia: SPECIAL RUSH 10 Osy Dinking, Wash Water Prof Notes Recurred by Special Rush as, Rora of Told OTHER Specify RCRA and TCLP SPECIAL RUSH IS 3 Day Tunaround Special Instructions: Client Sample Number Volume EM# BLANK 101 .WO2 LWOS WOL w_0 . BLANK WOL uoŧΔ 11. 12. 13 14. 15. Humber of samples received: NOTE: If the package has substance substance durings or the custody coal is broken, step and contact project manager and stroper. RESt will analyze incoming senselies besset appariation and the control with three semples. Retis not responsible for errors or controllers in extendibles, assuring from the inscensory of original and, humbround times are Ralinquished Laboratory U. Roccined by. Manual procession con economicanos. Contest: + Fedex RESULTS: Phono Contact Fax Email Time anitials.

Phong. (193) 964-1966 Fast (193) 477-1275 WAYS: 1-866-ROSI ENV (137-1358)
PAGGR: ORCALL Pager number available of Lab. Afternate Pagers: PLMTEM 509-2487 PCMMetals 509-2489 (AFTER HOURS USE ONLY)

Authorization By/Time:

Results Duo;

Analytical Method/Tumpround:

Results Cul:

SPLITS:

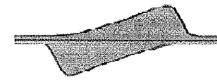
1657 \$72.01

Lab Bench/Count Sheets Received By:

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denver CO 89211

| Dise Date: | RESI Job #: |
|--|---|
| Dua Tone: | Puge U |
| SAMPLES SUBMITTED BY: | INVOICE TO: (IF DIFFERENT) |
| Georges USACH PRA | |
| 200 | |
| Non-Responsive - | 1500 410 - 436 - 5 775 Fee: Pages |
| Contact. | 700 |
| Project Number and Sur P.Q. #: Project Descriptions Location: | Faul Outs Detventin Emil Address |
| | |
| After Hours/Weakand CHARGE: Amount \$ | Authorized by: |
| | |
| Additional fees apply for after hours and holidays to otherwise arranged and specified on the chain of c expected. | or all analysis typos. Samples will be analyzed during normal laboratory hours unless insteady. Turnamend is subject to laboratory volume. You will be notified if delays are |
| ASBESTOS LABORATORY HOURS: | Weekdays: ANALYTICAL MEDICO |
| 7am - 7pm | 7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 |
| | TEM ANERA LACHE TIME ISO |
| PCM/PLM2 Hour RUSH 24 hour 2 | 5 weekslays Presides 150 indient President |
| | AALE'D HALL DENI'S |
| TEM 6 Hour RUSH 24 hour 3 Prior Notice REIQUIREO for 10 M 6 Hour HUSH | S weekdays (first 100), Responsive |
| | BULK: PEM Statespool, Econograped, Point Count |
| METALS LABORATORY HOURS: | Weekdays; 1644 th Cuset Serverust |
| 8am - Spm AA SPECIAL RUSH 24 Hour 3. | AATION LEAS NOW BORAS |
| Z4 Hour 3 | Pant Sot. Out (West) TCLP (ASTMF 1797 apren763 West only) |
| RCRA B SPECIAL RUSH 5 Day 10 | tray WATER TEM Drinking, Visio Water |
| TOLP SPECIAL RUSH 5 Day of | BANDER Hotel Hotel AAWAA |
| TCLP SPECIAL RUSII 5 Day K PER NOBER REQUIREO IX SPECIAL RUSII AA, RCRA & TCL | 1 |
| RCRA and TCCP SPECIAL RUSH is a flay functional | P OTHER Spaces |
| Status de vicies reches de la la la la la la la la la la la la la | |
| oberiet (dangentalis) (%) | |
| Client Sample Number | Yolune EM # |
| EWW13 | 796358 |
| E-WIH | A STATE OF THE STA |
| · EL 8/15 | E.C. |
| ELBLANK H | Variable of the second of the |
| X) Clivilla | man and the second seco |
| X -EL-WIII | temental control of the second |
| | A manufacture of the contraction |
| | William Child |
| 10. | ANALYSIA SALAMAN ANALYS |
| 13, | The second secon |
| 2. | |
| 1). | |
| 16 | |
| 15. | |
| Humber of samples specified. | (become reports Smillishs) primited the ethors (Smillishs) primited the ethics |
| NOTE: White participations supplied subaltical dampares than | iustoty seat is backan, obep and contact project menager and shipper. RESt will analyze incoming salables base Is ofe for errors or arrissians in calculations resulting from the latecer acy at original data. Tempercand tines are |
| pper encorration recipied with along samples. Het is not respo based upon limes of rece <u>let by Laboratory. Can Laboratory by a</u> | er or energy of the second of the design of the second of the second of education is a large condition of the Content of State in the second of the design of the second |
| Relinquished By: Non-Respo | • |
| Laboratory Use Only | STREET AND THE STREET |
| Canoratory Ose Only Rese∂rad By | Dute/Time: |
| F. T. T. T. Communication and the state of t | persysteration registrouscope. |
| RESULTS Conlect Page | Phone Fax Email Date Time Initials |
| SPLITS: Authorization By/Ilma: | Lab Banch/Count Sheets Received By: |
| Analytical Method/Turnaround: | Timo: Dale: |
| rev Screet Results Due: Resu | its Out: |

Phone: (303) 964-1986 Fax; (303) 477-4275 WATS; 1-866-(1851 ENV (237-4368) PAGER: ONGALL Pager number available at Lab. Alternate Pagers: PLIMIEM 509-2187 PCM/Motals 559-2888 (AFTER HOURS HSE ONLY)



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207 Invoice Date: August 7, 2003 Invoice Number: 95626-1

TERMS: Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| RES Job #: 95626-1 Desc: MD National Guard Submitted By: Army National Guard IH - West P/O No: None Given Contact: Non-Responsive 21 AA/ICP Metal Wipe 3-5 Day 4125-02 \$7.50 | \$157.50 |
|---|----------|
| | |
| | |

| | | | | Indoor Range Info | nge Ir | nfo | | sted |
|---------------|--------|--------|--------|-------------------|--------|----------|--------------------------------------|---------------|
| Wipe Sample # | Armony | City | Active | Jnactive | N/A | Cleaned? | Location of Samples | Conc. |
| | | | No. | | | ל | | DIA |
| ELW01 | Elkton | Elkton | | | | | Dall Floor | 39 F |
| ELW02 | Elkton | Elkton | | | | | Drill Floor | BDL |
| ELW03 | Elkton | Elkton | | | | | Drill Floor | 59 |
| ELW04 | Elkton | Elkton | | | | | Drill Room Window Sill | 45 Y |
| €0.M.T | Elkton | Elkton | | | | | Rec Room Lunch Table | Sida |
| 型L₩06 | Elkton | Elkton | | | | | Kitchen Counter | FIGE |
| ELW07 | Elkton | Elkton | | | | | Top of Refrigerator | 47 8 A |
| €LW08 | Elkton | Elkton | | | | | Converted Range Floor | 120 ≶ |
| ELW09 | Elkton | Elkton | | | | | Converted Range Floor air outlet | _igg |
| 01WI | Elkton | Elkton | | | | | Converted Range Floor outside wall | BDL≝ |
| ELW11 | Elkton | Elkton | | | | | Converted Range air intake | zis S |
| ELW12 | Elkton | Elkton | | | | | Converted Range original wall plenum | 81 |
| ELW13 | Elkton | Elkton | | | | | Converted Range new wall/ plenum | 32 |
| ELW14 | Elkton | Elkton | Ì. | | | | Converted range motal target stands | 318 |
| ELW15 | Eikton | Elkton | I | | Ï | | Converted ranc ceiling soundproofing | BDL€ |
| ELW16 | Ekton | Eľkton | | | | | Desk top | BDL ĕ |
| ELW17 | Elkton | Elkton | | | L | | Distance Learning Classroom | BDL g |
| | | | | | | | | ac |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Elkton Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Elkton Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive (410) 942-0273 x23.

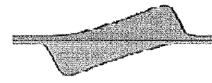


NGB Regional Industrial Hygienist

CF: <mark>Non-Respons</mark>

| پر میں مسونہ پر میں مول Posteed to NGB FO | ? · | | | | | | | |
|---|--------------|--------------|--------|-------------------|-------|------------------------------|--|-------------------|
| | | | L | Indoor Range Info | 5 000 | ų. | | |
| Wipe Sample II | Armony | čiš. | ACRIVA | ewither! | MIR | Active Inactive NIA Cleaned? | Location of Samplus | Conc. {pg/ft"} |
| | | | £ | | • | 788 | | |
| 10.MC | Elico# City | Succest City | | | | | Room 217 window sill | BDE |
| 2W02 | Elecore City | Exicot: City | | | | | Rm 216 Kitchen top of refriperator | BDL |
| CW03 | Except Cry | Elvcott City | L | | L | | Floor outside rooms 212 and 213 | 33 |
| CWD4 | Elecott Cay | Signat City | | | | | Window silk in thub area on first floor | .BDI. |
| CW05 | Elicontos | Elicon City | | | | | Dail floor | BDL |
| 90,MC | Eleotica; | Ericott City | | | | | Top of microwave in hallway leading to drill floor | 801 |
| 20.AC | BloomCay | Elicon City | | | | | Food counter prep area | BOL |
| 2W/08 | ELOOK C.y | Encott City | | | | | Floor in kitchen area rear refriremator | BD), |

BEST AVAILABLE COPY



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

Non-Responsive

MD National Guard Bureau 301-IH Old Bay Lane Havre De Grace MD 21078 Invoice Date:

August 15, 2003

Invoice Number:

96187-1

TERMS:

Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| Quantity | | Analytical Pro | ocedure | | Unit Price | Amount |
|-------------|---|--|---------|---------|--------------|----------|
| Quantity 36 | RES Job #: Desc: Submitted By: P/O No: Contact: AA/ICP Metal | 96187-1 None Given USACHPPM None Given Non-Responsive Wipe | 3-5 Day | 4125-02 | \$7.50 | \$270.00 |
| | | | | | | |
| | | | | li | voice Total: | \$270.00 |

RESERVOIRS ENVIRONMENTAL, INC.

2059 Bryant St., Donver CO 80211 Dua Date: 8-11-03 RES 96187 RESI Job # Our Time: 1145pm Page SAMPLES SUBMITTED BY: INVOICE TO: (IF DIFFERENT) Company COMMANDIR, USACHIPM ALLE MCUB, IS DES SUS BLACKHAWK KOAD ARL, MIT HOUSEN MD NG OFFICE Address: de GRACE, MD Contact Phone: Contact Phone: Fax Pager. Project Humber and/or P.O. 4; Project Description Location: After Hours/Weekend CHARGE: Amount \$ Airthorized by: Additional fees apply for after hours and holidays for all analysis types. Samples will be analyzed during normal laboratory ficurs unless observise arranged and specified on the chain of custody. Turnaround is subject to laboratory volume. You will be notified it datays are ASBESTOS LABORATORY HOURS: Weekdays: ANALYTICAL METHOD 7am - 7pm AIR PCM 7400A 7400D, OSHA TEM AMERA LEVELS, 7402, 150, PCM/PLM 2 Hour RUSH ____ 24 hour Prostaba ISO-hered theps thanked AATION Metal____RCRA'S TEM 6 Hour RUSIA 24 hour 3-5 woodstays Ovsi Yotal, Respirate Prior Notice REQUIRED for TEM 6 How RUSH BULK: PLM Short report Long report. Privit Count METALS LABORATORY HOURS: Weekdays: TEM 41. Quant, Semi-quant 8am - 5pm MINOPLEAD MIGH RCRAG AA SPECIAL RUSH Palol, Sci. Dust, Nico) ICLP (ASTIME 1787 approved wipes coly.) RCRA 8 __ SPECIAL RUSH ... 5 Day ___ 10 O ay WATER YEM Odnling. Waste Water AA Water Metal SPECIAL RUSH _ \$ Day 10 Oav Origing Waste Water PAGENSON REGULARD BY SPECIAL RUSH AA, RORA H TOLD OTHER RCRA and TCLP SPECIAL RUSH & 5 Day Turnaround Please Special instructions Client Sample Number Volume EM# <u>CEBLANK OI</u> - 401 WOZ WO3 WO4 W06 BLANK 02 7. 10 8. AAO (a<u>0.</u> uo710. EXANK 11. ω_{01} 12 W02 13. $\omega o3$ lla 11, WOY ub) 5 183. Number of samples received: (Use as many additional sheets as reeded.) NOTE: It is a package has sustained substantial durings or the custody seed in broken, step and contact project munager sed shipper. REST will analyze incoming samples based upon blockers are upon the advantage of contact and contact based upon Salas o ples guaranteed in short banacound. Relinquished 8 Laboratory Use Received By: Carrien trasses and those that RESULTS: Initials SPLITS: Authorization By/Time: Lab Bench/Count Shoots Received By: Analytical Method/Turnaround: Date: Results Due: rev 5/2/01 Results Out:

Pidans: (203) 964-1966 | F.XX. (100) 477-4275 | WATS: 1-866 RESI ENV (737-1963) FAGER: ONCALL POOR combet available of Lab. Alternate Pagers: PLAVTEM 509-2187 PCMMAdds 509-2098 (AFTER HOURS USE ONLY)

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denver CO 80211

| Dun Date: 8 | <u> 11-03 </u> | m ou, benner co | 11201 | | C1 -23 |
|---|--|--|--|--|--|
| Dua Timo: | 450m | | | RESIJOU#: | Ust 82 |
| SAMPLES SU | | | | Pug | · 2 · 3 |
| Congariy; | | INVOICE | O: (IF DIFFEREN | T) | 40-47 |
| Adhess: | COMMANUER, ESACIOPAL ALEX-MEND-TS-015 | WE VI | G 080 CR | | |
| Contact | 2143 BLACKBANK POTO | HACE | Ed GRAC | E, MO 21018 | |
| Contact | Phone: | - Fac | | Pager: | <u> </u> |
| | 800 P.O. M. 1577 1 - 27 (32) - 27 | - Fair | | Pager, | |
| Project Description | 10000 | | -/- | Non-Responsiv | earned ray in 1 |
| After Hours/Wi | pekend CHARGE: Amount \$ | Au | hotized by: | *************************************** | saraga Cray act |
| Additional fees : otherwise arron expected. | apply for alter hours and holidays for all analysis t ged and specified on the chain of custody. Tuma | ypes. Samples will round is subject to t | be analyzed during aboratory volume. | normal laboratory bours You will be notified if del | ountess bys are |
| ASBESTOS LA 7am - 7pm | BORATORY HOURS: Weekdays: | ANALYTICAL I | | | W |
| РСМ/РІМ | Z How RUSH 24 hors 3-5 weekdrys | AIR E | POM 7460A, 7 TEM AHERA Presides | 1400b, OSHA Levelik, 1402, ISO, BO-Antroet Prape, Chass | |
| TEM IYO: NoSco R | 6 Hour RUSH 24 hour 1.5 weekdays EQUIREO for TEM 6 Hour RUSH | | Dust Total Re | Metal RCRAS | T-CAMB |
| METALS LABO | RATORY HOURS: Weekdays: | BULK: | TEM +/- Ousn | l. Long report, Point Count | |
| | PECIAL RUSII 24 Hour 3-5 Day | | J KAIKP C.C.H Paint Sol, | DOSTOTION, TOLP | |
| RCRA 8s | PECAL RUSH 5 Day 10 Day | WAIER _ | (ASTM () 1700 1 YEM Diraking. | 2 approved whole only.) Wasto Water | |
| PAN Nobice REQUA | PECIAL RUSH 5 Dx; 10 Day 180 for Special Rush aa, rora of tolp | OTHER I | _ Danking, Wa | | |
| RCRA and TC | IONS PLEASE EMALL |] |] Specky | | ************************************** |
| | | - language de la constant de la cons | | | 10 Cort on to 2 and a second |
| L (L) E | BLANK 02 | | Votu | nie EM# | |
| 2 (N/Z | WO6 | | ******* | <u></u> | 79710 |
| 1 WR | wo7 | | | | <u> 20</u> |
| | BLANK OI | | The second second | | <u> </u> |
| 5. EC | Wel | | | | <u>33</u> |
| 6 <u>EC</u> | woz | | | | <u> </u> |
| and the same | <u>ωο3</u> | | | | <u>\$3</u> 5 |
| e. <u>C.C.</u> | <u> </u> | | 6.740 | | _36_ |
| | BLANK 02- | | | | 21 |
| | W/6 | - L | | | <u> </u> |
| | WO'7 | | and the second s | | |
| 11 EC | N08 | | the second second | Water Total | <u> </u> |
| ii AT | YANKO) | | | W. S. C. C. C. C. C. C. C. C. C. C. C. C. C. | 30 |
| 15 <u>6,A</u> | WOI | Street, and the street, and th | | Odd Bridge Commence of the Com | 33 |
| Number of samples re NOTE: 4 the package | | radio es electrados es esca | dod.) | | |
| tipen kilominison resel based upon times ed n | tos sustained susstantial damage of the costody scalls broke CONON-RESPONSIVE pries of | en, step and control pegi missions in calculations : published in charlitumos | ቀቃምለትያበ የፈርህን ሲለር መታወራር፣ | a. RESI will postyze incoming o varsy of eligibal data. Todasoco | iangles tased addines are |
| Relinquished By | | Control of the Contro | Oale/Time: | 31 July 031 | 1630 |
| Laboratory Use (| A. | | and the second | 1 | |
| Carrier: | t ntode e | Dat upon receipt | 11 10 12 12 18 | 200 / 4 | 5 |
| RESULTS: | CORROLA / Pago Phone Pas | | of the Contract | h o Initials | Security Control of the Control of t |
| SPLITS: | Authorization By/Time: | (| I ah Bone | cluCount Sheets Recely | sad first |
| rea Erams | Analytical Method/Turneround: | | Ilmo: | Date: | TO EX |
| (E) 5/2/01 | Results Dua; Results Out: | | | 4 | *************************************** |

Phone: (303) 504-1086 Fax: (303) 477-4376 WATS: 1-503-RESIENY (737-4324)
PAGER: ONCALL Pager rember available at Lab. Alternate Pagers: PENTER 503-2137 FORWARDS 503-2038 (AFTER HOURS USE ORDY)

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denver CO 80211

| 0uo pate: <u>8⊞13</u> | A |
|--|--|
| Duo Time: 1:45PM | RESI JOH # 9618-7 |
| | Print 3 of 3 |
| SAMPLES SUBMITTED BY: | INVOICE TO: (IF DIFFERENT) |
| Company Commander Usaciliess addess: ATIX 35CHE 43 ORF | MD. NG OFFICE |
| WARE TO STATE OF THE STATE OF T | The second secon |
| Arg MD 20010-5103 | Have de Grace, no Clore |
| Property of the second | Pager, |
| Phone: Phone: Pope I S 27 - 7.539 - 9 | Fax: Foys: |
| Voject Description to carton: | Non-Responsive (651) |
| | Non-Responsive |
| liter Hours/Weekend CHARGE: Amount \$ | Authorized by: |
| | Authorized by: |
| expected. | s types. Samples will be analyzed during normal laboratory hours unless saround is subject to laboratory volume. You will be notified if detays are |
| ASBESTOS LABORATORY HOURS: Weekdays; | ANALYTOTAL MEGIAN |
| ant - 7pm | ANALYTICAL METHOD AIR SON 2000 TOOL OCH |
| | 100, 0310 |
| CM/PLM 2 Hotel RUSH 24 hour 3-5 weekdays | 1EH AIERA Lesatt, 7402, 150, |
| | PrevAbs iso indirectivese Chatsaid |
| EM 6 Hour RUSH 24 hour 3-5 weekdays | MATRO MOSI ROPAS |
| Prior Notice REQUIRED for TEM 6 How RUSH | Dust Total, Respiratio |
| A STATE OF THE STA | BULK: PULL Shartreport, Long report, Pedat Count |
| SETALS LABORATORY HOURS: Weekdays: | TEM 14. Quant Sont-quant |
| am - Special Rusii | AATICE(EE) HOLD ROBE RCRAB |
| ASPECIAL RUSH 24 Hour 3-5 Day | Patrit, Soc. Oust, 1560, 101P |
| GRA 8 SPECIAL HUSH S Day 10 Day | MSTALE 1752 approved hipper cety.) |
| STATE SPECIAL RUSH S Day 10 Day | WATER TEM DANGE WATER WATER |
| CLPSPECIAL RUSH 6 Day 10 Day | AA VISIES XSUI RORAD |
| FIT HOSEO REQUIRED BY SPECIAL RUSH AN ROHA M TOLD | OTHER Specific |
| RCRA and IGLP SPECIAL RUSH IS 1 Day Turnmound | OTHER Specify |
| MODELLE PERSE EMPL | And the second s |
| COMPANIENCE CONTRACTOR | Section 1. |
| Client Sample Number | Volume EM# |
| GAWOZ | Volume EM# |
| GA W03 | CO.23 |
| GA WOU | 26- |
| GA WOS | 344 |
| P. A. 12 a 13 a 2 | |
| GA BLANKOZ | 38 |
| GH WOL | |
| GA WOT | |
| AND AND AND AND AND AND AND AND AND AND | |
| TO We have in improve | - Production of the second sec |
| | The state of the s |
| h in the state of | And the state of t |
| The second secon | E. C. C. C. C. C. C. C. C. C. C. C. C. C. |
| A straight of the straight of | F 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- |
| | 7 * |
| | 100 To an annual and an annual and an annual a |
| A Part of the second se | |
| mbot el sorrelos receivos: (Uso as ma | ny addisonal classic as needed.) |
| ITE: I the cockage has suchioned to be about the more of the more factor and a pro- | Man along and annual and an annual and an annual and an annual and an annual and an annual and an annual and an annual and an an an an an an an an an an an an an |
| on trianguistics received with those earnings. Hell's not responsible for errors or | or and the commence of the control o |
| and lightly limes of consolidation of the consolida | guaranteed in short handround. |
| thinguished ENON-RESPONSIVE | OHOTEME 31 Jul AT 116 8 A |
| boratary Use | JAN 1402 |
| ooratory osa | CAH area collect |
| nisc: | Daterting: 8 4-03 |
| evitine. | Non-Responsive |
| course Page Phone F | ex Email Inhials |
| 120 | |
| LITS: Authorization By/Time: | Lab Bench/Count Sheets Received By: |
| Analytical Method/Turnaround: | line: Date: |
| 5/2/01 Results One; Results Out: | |

Phono: (193) 954-1985 Fax: (193) 417-4215 WATS: 1-666-RES[EHV (737-4366]
PAGER: ORIGALL Pager remaker any 45016 of Lab. Attended Pagers: PLEVIEW 509-0167 PCW/Mollate 569-2088 (AFTER HOURS USE OF LY)

| | | | BULK SAM | PIFD | ΔΤΛ | · | |
|----------------|------------------------------|-----------------|---|-------------|-------------|--|--|
| ı | For | use of this for | m see USAERA T | | | nt is HSHR- | |
| · wiwii | Address (cor Guard Bureau | nplete addre | ess including Zi BAY LANE, AHN, N De Grace MD | p Code) | J-SI | Non-Re | Sponsive |
| Sample | d Installation | non , Hayre | Project N | | | | - 0273 EXT 18 |
| | Ellicoff City | | LIOIBEI M | umber | | ARLOC | |
| Nor | Respo | nsive | Date Colle | 2001 | | Date Ship | pped |
| | otion of Opera | | | Coal | essrooms) | Location | (BLDG/AREA) |
| Associ | ated Complaint | 7 6 M | stance Leaini | e Cto | | Ellicott A | rmory |
| | atoo oompiami | a (pe specii | ic) | , | | | |
| _ | ated Air Samp | les | If yes, I | ist samp | le numbe | ırs | · |
| Y | s X No | | | <u> </u> | | | |
| Trade 1 | lame | | Label Info | rmation | | | |
| • | | | NSN | | Manufa | cturer | |
| Addres | 9 | 1 | · · · · · · · · · · · · · · · · · · · | | MSDS A | ttached | · · · · · · · · · · · · · · · · · · · |
| | | naur naur | | | |]Yes | □ No |
| Analysi | s Desired | ad Wipe | s - Furna | ce m | the d | <u>. </u> | · · · · · · · · · · · · · · · · · · · |
| ab Use Only | Sample No. | | lituents | | Results | | Remarks |
| | ELL 092801 | | | | | | Wall RHS 7ft |
| | 00/ Ellog1804 | ··· | | | | From | floor 2ft from corner |
| | 002 | | | | | | wall center 5st |
| <u> </u> | ELL 092804 | | | | | | n floor wall LHS 2ft |
| | 003 | · | | 1 | | 1,, | |
| | ELL092804 | | | | | | floor 3ft from corn wall in occas 7ft |
| | EU092804 | | | | | from | floor centered |
| | 005 | | | | | RHS | wall 5ft from DEC 3 |
| ommen | ls to Lab | - | | Т | | | mfoor on Red Stain |
| - | | | | | | (Continu | ed on other side) |
| | 4.3.3. | | Lab Use | Only | | | |
| inalyst | (initials) | Reviewe | By (initials) | | Date Re | ceived | Date Reported |
| rocedur | es Performed | Co | omments: | | | | |
| | Posted to NGB FOIA | Peading Room | BEST AV | 'AILABLE C | OPY | FOIA Request | ted Record #J-15-0085 (MD) |

| | | BULK SAMP | LE DATA | |
|-----------------|------------------------|---------------------------------------|--|--|
| ab Use Only | Sample No. | Constituents | Results | Hemarke |
| | EUGAROU | | | |
| | ELL092704 | | 1 | 2ft from floor Contably by LHS wall in DEC AV |
| | ELLOPZYOY | | | LUC with in DEC AND |
| | EU 082804 | | · | 24 from Ame centered |
| | 008 | | <u> </u> | 145 wall center of room |
| | 008 EU098804 | | <u> </u> | LHS wall center of room Dec. 3 5ft from floor |
| | (LOON I | | İ | 1/1/0 . No 1/ 's Dec 1-221 Sauce 10 |
| } | ELLO9 UNA | | | Floor, in comer of |
| | 010 E4092909 | | <u> </u> | Floor, in corner of front well ! RHS well. |
| | 011 | | | Clara to tallers a con- |
| | | · · · · · · · · · · · · · · · · · · · | <u> </u> | 40 DEC 3 |
| | 012 | • | | computer stand on desk |
| | 013 ELL 097809 | | | to DEC 3 Compute shad on desk Assest LH3 i see wall |
| | <u> </u> | | i | de corms of LHS i dray |
| J | 014 | | <u> </u> | ceiling, soom Dec 2- |
| | 64092904 | | <u> </u> | center of RHS |
| | 015 | | | reiling, buttery, come of |
| -7 | ELLO92804 | | | |
| | 016 | <u></u> | | Blank |
| ľ | 017 | | · · · · · · · · · · · · · · · · · · · | |
| | | | | Gank |
| | 018 | | | Par Left hand side double for |
| | Olgon | | | Par Left hand side doubk of doubk drill hall hall so that of the control of the control of sa access ponel off of the control of sa access ponel off of the control of sa access ponel off of the control of sa access ponel off of the control of the |
| | | | | of a grace most EC of DECK Co |
| ĺ | 020 | | | From dell hall soins to send |
| -+ | (/ ~() . | | | at door US on from |
| | | | | |
| - 1 | | | | |
| | ——————— | | | 1 |
| | | | | - |
| | | | | |
| | † | ļ | | 1 |
| 7 | | | ., | |
| —∴⊢ | —— <u> </u> | | | Ţ |
| Į | | | ····· | |
| - - | - | | · | <u>} </u> |
| , | | Ŧ | | <u></u> |
| | | | | |
| —∔ | | | • | |
| ŀ | | | | |
| | | | | , |
| ļ | 1 | | | · |
| | | | | |
| | | | | |
| | | | | |
| | Posted to NGB FOIA Rea | oloo Böbu - BEST AVAL | | A Requested Record #J-15-0085 (MD) |

130325

Number For Inquires) (Please Refer To This

CHAIN OF CUSTODY

BEST AVAILABLE COPY □fmmd. □24hr □48hr □72hr □5 Day + □fmmd. After-Hours* □24hr After-Hours* □Lare-Night* (*must be pre-scheduled) 3688 Š B. ğ. 9 (LABORATORY STAFF ONLY) (OTY) Initials: CLIENT CONTACT 677 Contact: Contact Contact Θ @ phone # 301 (OTY) Dust Wipe (wipe type. Date/Time: Date/Time: Date/Time: Sign Miscellaneous Analysis Signature: ☐ Email Copy: Other (specify Paint Chip. PO. # Time: Radon___ Lead Analysis バス Reporting Information (Results will be provided as soon as technically feasible): BULK WIPE FLLICOTT CITY MATRIX Sign 1. Job Name: ELLICOTT CITY 7632 Harrisen @ fax# 301.677 (QTY) ĄK (S) (QTY) Submittal Information: PLM LEAD OTHER (QTY) Contact Person: Date: Job Location: (Sep. 2) Submitted by:__ (QTY) (ST3) Job# (QTY) ANALYSIS ☐ Qual, (pres/abs)______ ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 ☐ ELAP 198.4/Chatfield. ☐ NY State PLM/TEM_ ☐ Residual Ash_____ Via Z W Fax Copy: Cirily TEM 3 PLEASE IV. ,,,,, TEM Water WIPE AREA TEM Dust SAMPLE ANALYSIS INFORMATION
VOLUME

VOLUME

DATE

CLIERS) Θ 21078 0 1400 Fax# 0 ž Guard (ST3) (OTY) (QTX) Second 613 | LABORATORY STARF ONEY-(CUSTODY) SAsbestos Analysis
SCM Air – Please Indicate Filter Type:
PC MCE Porosity in a 25mm 37mm
I NIOSH 7400 (QTY)
I Fiberglass (QTY)
IEM Air – Please Indicate Filter Type: Client Name: Army National @ cell# (QTY) (XIS) (OTX) 301- (H 614 3. Results Reported To: Date/Time Analyzed: 1. Date/frme RCVD. www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
www.amaab.com
ww 613 Z ☐ Grav. Reduction ELAP 198.1 ☐ Other (specify ☐ EPA 600 - Visual Estimate. ☐ EPA Point Count Comments: C00 000 ELLOYZEGH OUT 800 900 602 **1 €11.092 %04 003** 00 010 EU092804 005 PC MCE Porosity.

AHERA

NIOSH 7402

Other (specify... 210 ELL042804 201 NY State Friable CLENTD NUMBER EU612804 ELLON2864 9 Ecc 04 2804 Ecco42804 PLLO92804 とのるとのつの #644012804 5 CL09 2504 BESTAVAILABLE COPY Released by National Guard Bureau

Page 251 of 5269

AHA (#8863) NVLAP (#1143) NY ELAP (10920) AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

4475 Forbes Blvd. - Lanham, MD 20706

130325

(Please Refer To This Number For Inquires)

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

May, 2018

CHAIN OF CUSTODY

| | 1 | | | | (g) | | | ØES O | ST AVAILABL | E CO | ľ | T | | | | | \Box | | | |
|------------------------------|-------------|---|-----------------|---------------|---|---|--|---|---|---------------------------------|----------------------------------|-----------|------------|------------|---------------------------------------|---------|-------------------------|-----------------------|-----------------------|--|
| | | | 3688 | | Ny fesikiko -Hours* IIAhr After-Hours* Illeite Night* (*must be pre-scheduled) 2. III Email-Copy | (QTY) | | 20 (0 | | | By: | | By: | | By: | | | • | | |
| | | | 677 3 | | ust be pr | Ĭ | | | _(QTY) | ACT | (LABORATORY STAFF ONLY) Contact: | | 1: | | 11 | | | | | Initials: |
| | | | 9 | | τ Η * | | S | 30,01 | | CLIENT CONTACT | Contact: | | Contact: | | Contact | | | | | |
| | | | * | | - 15 - 15 - 15 | (QIY) | (QTY) Y) (QTY) | (013) 179 179 179 | ନ୍ରୀ | CLIEN | BORATO | | | | | | | | | |
| | | | @ phone # 301 | | T stage | | (QIX) (QIX) (QIX) | ce (wipe | (QTY) | | | | me: | | me: | | | | | 1 発音 |
| | | | | gnature: | After Hi | nip ipe (wipe | idg Water | Vater ipe Furna | Analysis specify | | Date/Time | | Date/Time: | | Date/Time: | | | S | | |
| | E | P.O. #. | on-Res | | castille): ours* | Lead Analysis Paint Chip Dust Wipe (wipe type) | □ Air. □ Soil/Solid. □ TCLP. □ Drinking Water | Waste Water (QTY) Wipe Furnace (wipe type _ Chort wiet) | Miscellaneous Analysis Radon Other (specify | WATER | OTHER | | | | | | | | | |
|) | C.T. | *************************************** | | | tion (Results will be provided as soon as technically feasible) □20µ □48hr □72hr □5 Day +□fmud. After Hours □2/ Civily Herrison © tax ≠ 301 Ø77 = 7132 □ □ ⊞m | Lead | טטטט | υØ | Mise | MATRIX | WIPE | Ti. | | | | | | | TE S | |
| | 1 | | | | chmical d. After 713 | : | 0 | | | MA | BULK | | | | | | | | | 語など |
| ä | 上のいる五 | | | | onias te † ∐umi f. C.⊤.) | | .(QTY) (QTY) | (QIIX) | _ | | R AR | | | | | | | | | |
| formatio | | | erson: | l by: | dedass √ # 36 | (QTY) _(QTY) | | | (YTY) | | | | | | | | | | | Date |
| Submittal Information: | Job Name: | Job # | Contact Person: | Submitted by: | s will be provided as soc 48hr [[72hr []5 Day + british @ tax # 301 | | (QTY) Pust 755-95 | -99(QTY) | (QTY) | | PLM LEAD | | 25. | | | | | 4 | | |
| Subn | - - | | 4. | 5. S | | | Vacuum/I | st D6480 | | | PCM P | | | | | | | | | And the second s |
| | | | | | om (Rest ⊒24m ⊳dV | 198.4/Cha te PLM/T | ul Ash pres/abs) ' s/area) Va | s/area)Du pres/abs)_ | TAP 198.2/EPA PA 100.1 | ζ. | TEM | | | | | | | | By County | |
| | | | | | nformati Immd Copy L | (Bulk C ELAP 198.4/Charfield C NY State PLM/TEM | U Residual Ash(QTY TEM Dust Q Qual. (pres/abs) Vacuum/Dust Q Ouan. (s/area) Vacuum D5755-95. | ☐ Quan. (s/area)Dust D6480-99. TEM Water ☐ Qual. (pres/abs) | , mil mil - | | AREA 4.74 | 7.1 | | | | | | | B | |
| | | 21078 | | | Reporting Informa Informa | TEM Bulk | THE COLOR | TEM | 00 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | (LITTERS) A | 被 | | | · · · · · · · · · · · · · · · · · · · | | 1 | | (e) # | |
| - | 4600 | 1 | | | | | | | 9 | TATION VOL | | | | | | 2 W.1 | | | | |
| ς. | 37.5 | Z | | Fax # | (0) | | | _(QTY) | (QTY) (QTY) | L(QLX) INFORN | DATE | | | | | | | Q. | | |
| | 2 | 7,04,8 | | | G cell# | 37mm | 37mm | | اً ا | ALYSIS | ATION | | | | | | The distance of | CESTODY | | |
| ; | 1000 | de la | | | (e) | r Type: in a 25mm | (QTY) -(QTY) Type: a a 25mm | (ATS) | (QTY) (QTY) | SAMPLE ANALYSIS INFORMATION VOL | SAMPLE LOCATION | READY | BLANK | | | | | | Ď. | OL Po |
| Mailing/Billing Information: | 301- (H |) 1 | | | September & Time Results Required Company of Diverbals. | te Filter T | UNIOSH 7400 (Q1'Y) U Fiberglass TEM Air – Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm | S | (Bulk DEPA 600 – Visual Estimate DEPA Point Count DINY State Friable Grav. Reduction ELAP 198.1 | SAM | | . 20 | | ا ان ج | | | | LABORATORY STAFF ONLY | 2. Date Time Analyzed | 3. Results Reported To |
| ng Infor | me: 42. | | | | Results | dysis se Indica Porosity | 7400ss ss Indica se Indica Porosity_ | 7402 pecify | ulk EPA 600 – Visual EPA Point Count, NY State Friable, Grav. Reduction I | rediy. | NUMBER FILI 04780H OIH | 24 OIS | | | | 100 mg | * | ORYS | | Resu |
| ng/Billi | Client Name | Address 2: | Address 3: | Phone # | & Time bals | estos Analysis 1 Air – Please Indic PC MCE Porosix, | U MOSH 74. D Fiberglass. 1.Air – Please PC MCE Por | ☐ AHERA ☐ NIOSH 7402. ☐ Other (specify | Bulk JEPA 600 JEPA Poi JNY Stat JGrav. Re | CLIEN C | NUMBER 04280H | 408260 TE | ELLO42804 | ELLOGIZBUH | Cuche be 4 | Control | 1,007,000 George 001 | BORA | | |
| Maili Pos | ied fo | | · | ፫ ሳነሪ | မ္မ Q 🗇 Reading | Room BOOM | TEM CIT | BES | SIDOODI ST AVAILABI | | | 司 | 5.1 | 73 | ed Recor | . 3104 | 1 | Land Control | 特力 | |

Released by National Guard Bureau Page 252 of 5269

BEST AVAILABLE COPY

301-16 Old Bay Lane, Atta: NGB-AVN-SI, Eavre de Grace, Maryland 21078 State Military Reservation National Guard Bureau Address: Cient ed to NGB FOIA Reading Room , 2018 L'd 96∠€'0N

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

GWIMNI

NYELAP

至于

140er-04

Report Date:

107/72004 130325

Cleain Of Custody: Person Submitting: Date Submitted: Date Analyzed: BPA #W912K6-04-A0002 Ellicott City, MD Not Provided Ellicott City P.O. Number: Job Location: Job Namber Jeb Name:

Page 1 of 2

10/14/2004

Summary of Atomic Absorption Analysis for Lead

Attention:

| | | | *************************************** | | | | | | |
|-------------------------|----------------|------------|---|-------|-------|--------|------|--------------------|---|
| 0500494 ELL 692804 001 | Furnace | Wipe | *** | 0.111 | 2.70 | ug'ff. | 93 | ug/fF | |
| 0500495 ELL 092804 002 | Furnace | Wipe | *** | ¢.111 | 2.70 | naght. | 5.4 | mg/ft² | |
| 0500496 ELL 092804 003 | Funasce | Wipe | *** | 6,111 | 2.70 | rafft. | 5.6 | ug/ff² | |
| 0500497 ELL 092804 004 | Furnace | Wipe | ** | 0.111 | 2.70 | ug/R | 8.2 | th/da | |
| 0500498 ELL 092304 005 | Fumse | Wipe | **** | 0.111 | 5.40 | ug/ft² | 44 | ng/ff | |
| 0530499 ELL 092804 006 | Furnsce | Wipe | *** | 0.111 | 2.70 | ug/fit | 5.3 | ್ಯಾಗ್ರಿಕ್ | |
| 0S00500 BLL 092894 007 | Furnace | Wipe | 67X 67X | 4.113 | 2.70 | ug/fr | 11 | ng/ff? | |
| 0500501 ELL 092804 008 | Finance | Wipe | Sop Sop | 6.113 | 2.70 | ug/fi | 5 | महीमु | |
| 0500502 ELL 092804 009 | Furnace | Wipe | H | 0.111 | 2.70 | ug/fP | 4.9 | ug/ff* | |
| 0500503 ELL 092804 010 | Furnace | Wipe | * | 0.111 | 2.70 | ug/IF | য | ug/ft* | |
| 0500504 ELL 092804 011 | Furnace | Wipe | *** | 0.111 | 2.30 | ng/ff | 6.8 | ug/ff ^e | |
| 0500505 ELL 092804 012 | Funace | Wipe | **** | 0.111 | 5.40 | ugff | 30 | ug/fe | |
| 0500506 ELL 092804 013 | Furnace | Wipe | *** | 6.111 | 2.70 | with. | 6.7 | ug/ff | |
| 0500567 ELL 092804 014 | Furnace | Wipe | *** | 0.111 | 2.70 | ng/ft² | 4.9 | ugift | |
| 0500508 ELL 092804 015 | Furnace | Wipe | **** | 0.111 | 2.70 | ng/ft² | 4.5 | og/ft² | |
| 0500509 ELL 092804 016 | Fermace | Wipe Blank | *** | MA | 0.30 | និក | 0.47 | 8 | |
| 0500510 ELL 092804 017 | Fumeoc | Wipe Blank | • | NA | 6.30 | 8n | 1.45 | 438 | |
| 050051.1 ELL 092804 018 | Furnace | Wipc | ** | 0.111 | 2.70 | ug/ft² | 5.2 | ug/ff ² | |
| 0500512 ELL 092804 019 | Furnace | Wipe | *** | 0.11. | 33.75 | ug/ife | 98 | ug∕ff² | ! |
| E 0500613 HI 092804620 | одан д | Vipe | 1 | THE | 2.70 | T/AT | 7 | | |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AEERA mir samples. This report must not be used to claim, and does not imply product certification, approval, er endorscenent by NVSAP, or any agency of the Federal Covernment. All rights reserved. ABIA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

a.

No.3795

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Clicat:

National Great Bureau.

Job Name:

Efficett City

Chain Of Custody:

130325

Report Date: 14-Oct-04

Address:

301-3H Old Bay Lanc, Attn: NGB-AVN-SL State Military Reservation

Job Location:

Ellicott City, MD

Date Submitted:

10/1/2004

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting: Date Analyzed:

19/14/2004

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume (L)

BPA#W912K6-04-A0002

Area Wiped

Reporting

Final Result

Comments

Number

(ff')

Lämit

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms

ug/L = parts per billion (ppb)

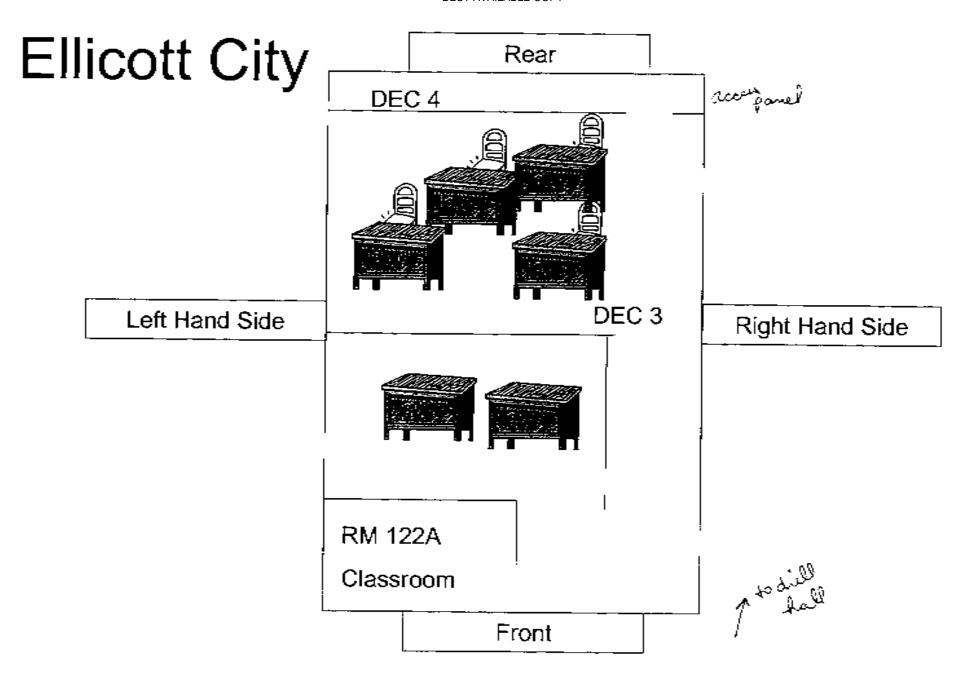
Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Analys

Technical Managera



| For use of this form see USAERA TG 141: the proponent is HSHB-1.0. Return Address (complete address including Zip Code) Wational Guant Burray. JOIN OLOBY LANE. AHR: N63-AVA)-SZ Stake Mil Lany Reservation, House De Grace. Mil 21078 Sampled Installation W244 Clicoft City Homor Samples Geliacted By NON-RESPONSIVE Date Gollacted By Prolect Number ARLOG Date Shipped Date Sh | | | | BULK SAMPL | E DATA | | |
|--|-----------|---------------------------------------|------------------------------|------------------------|-------------|----------------|-----------------------|
| Return Address (complete address including Zip Code) Whitenal Sugar Bureau. 19017 (Ober Law. Alla: No. 3-AVN)-SI State Mill Harry Reservation, Havre De Grace Mb 21078 Sampled installation M244 (Mich City Hamor) Sample Gollacted By Non-Responsive Date Collected Date Shipped Description of Operation Caclesseems Lead information Trade Name Address MSDS Attached Yes No Label information Trade Name Address MSDS Attached Yes No Constituents Results Remarks Remarks Ett 09289 Only Collected the Sample of Contact (name/AUTOVO Non-Responsive 410-942 - 0273 exr. ARLOC 410-942 - 0273 exr. ARLOC ARLOC Date Shipped Date Shipped Date Shipped Date Shipped Date Shipped Location (BLDG/AREA) Ellicott Armory Associated Air Samples If yes, list sample numbers Wes Manufacturer MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Collection (St. 26 from St. 26 from St. 26 from St. 27 from S | | For us | e of this forn | | | nnent is UCUR- | |
| Sampled installation ARLOC | wattonac | Address (com | plete addres 301 III OLOB | ss including Zip C | ode) | Point of Conta | act (name/AUTOVON) |
| Description of Operation Calustrooms Calustrooms Calustrooms Calustrooms | 1 Sample: | t Ingtallation | | | | | |
| Description of Operation (2c (astrooms) Location (BLDG/AREA) Range Converted to (Internet Converted to (Internet Converted to (Internet Converted Conv | Non | -Respor | | 1 1 / | | Date Ship | pped |
| Associated Air Samples Yes No | Kanon | Converted | 6 No | itance Learning | (2classroom | | |
| Label Information Trade Name NSN Manufacturer Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Sample Only No. Constituents Results Remarks Rear Wall RHS 7ff From floor Left from the content of the c | | | | | | | |
| Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Sample No. Constituents Results Remarks ELL 092804 OO1 ELL092804 OO2 ELL092804 OO2 ELL092804 CELL092804 | • • • • • • • • • • • • • • • • • • • | 98 | If yes, list | sampie nu | mbers | |
| Address MSDS Attached Yes No Analysis Desired Lead Wipes - Furnace method Lab Use Sample No. Constituents EU 092804 OO1 EU092804 OO2 EU092804 OO3 EU092804 CO3 EU092804 CO4 GU09804 GU09804 CO4 GU09804 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO | | | | Label Informs | ation | | |
| Analysis Desired Lead Wipes - Furnace method Lab Use Sample Only No. Constituents Results Remarks EU 92899 Rear Dall RHS 7ft Rom floor 2ft from te Rear wall center 51 Rear wall th 5 21 Rear wall th 5 2 Rear wall th 5 2 Rear wall in occup 7 RHS wall in occup 7 From floor centered EU 92894 RHS wall in occup 7 From floor centered EU 92894 RHS wall 5ft from tec EU 92894 RHS wall 5ft from tec EU 92804 RHS wall 5ft from tec EU 92804 RHS wall on other side | Trade N | ame | | NSN | Man | ufacturer | |
| Analysis Desired Lead Wipes - Furnace method Lab Use Sample No. Constituents Results Remarks Rear Wall RHS 7ff From Co Rear Wall center 51 From floor 2ff From Co Rear Wall center 51 From floor 2ff From Co Rear Wall LHS 21 From floor 3ff From floor 3ff From floor 100 From floor centered From floor centered Full Prom floor centered Full Prom floor centered Full Prom floor centered Full Prom floor centered RHS Wall 1005 From floor centered Comments to Lab (Continued on other side) Lab Use Only | Address | | | | MSD | S Attached | |
| Lead Wipes - Furnace method Lab Use Sample No. Constituents Results Remarks EUL 092804 Rear Wall RHS 7ft From Local Center 5th Conference of the Conferenc | | | | | | Yes | ☐ No |
| Lab Use Only Sample No. Constituents Results Remarks Rear Wall RHS 7ff Rom floor 2ff from to Rear wall center 54 Rear wall center 54 Rear wall 1 LHS 2 Rear wall center 54 Rear wall cent | Anaiysis | Desired Lea | d Wipe | s - Furnace | metho | d | |
| From Floor 2ft from Co ELLOGISON OO2 ELLOGISON ELLOGISON OO3 ELLOGISON ELLOGISON OO4 ELLOGISON ELLOG | | Sample No. | | | | | Remarks |
| ELLOGISON OD2 From floor Rear wall center 51 Rear wall center 51 Rear wall LHS 21 From floor 3ft from RHS wall in 05C #4 75 From floor centered RHS wall 5ft from 05C Analyst (initials) Lab Use Only | | | | | | Rear | Wall RHS 7ft |
| Comments to Lab OO2 From floor Rear wall LHS 21 Rear wall LHS | | 00 / ELLD92 VOW | | · | | From | floor 2ft from corner |
| ELLO92804 | | 1 | | | | 1 | A . |
| Comments to Lab CO3 ELL092804 | | | | | | | |
| ELLO92804 OO4 ELLO92804 ELLO92804 ELLO92804 ELLO92804 ELLO92804 CHS wall in Osc #4 76 From floor centered RHS wall 5ft from DEC From floor centered Comments to Lab (Continued on other side | | 003 | | | | I . | |
| Comments to Lab Lab Use Only from flox centered RHS wall 5H from DEC A from floor on Red Shail (Continued on other side | | | | | | PHS. | wall in DEC#4 TC+ |
| Comments to Lab Lab Use Only RHS wall 5f4 from DEC Analyst (initials) RHS wall 5f4 from DEC (Continued on other side | | 004 | | | | | |
| Comments to Lab Lab Use Only Analyst (initials) Continued on other side | | ELL092804 | | | | RHS | wall 5A from DEC 3 |
| Lab Use Only | | | | | | - | |
| Analyst (initials) | Comment | s to Lab | | | | | |
| Analyst (initials) | | | | Lab Use On | lv | | |
| | Analyst (| initials) | Reviewed | | | a Received | Date Reported |
| Procedures Performed Comments: Posted to NGB FOIA Reading Room BEST AVAILABLE COPY May. 2018 AFHA Form 8-P 1 Oct 84 Procedures Performed Comments: BEST AVAILABLE COPY Released by National Guard Burn Page 250 015. | | Posted to NGB FOIA F May, 2018 | | omments: BEST AVAIL | ABLE COPY | | |

| ab Use Only | Sample No. | Constituents | Results | Nemarks . |
|----------------------|--|---------------------------------------|--|--|
| | Ecc 04580A | | | RIIS WALL Under switch piece |
| | ELLO98404 | | <u> </u> | 2ft from floor (in hallower) |
| | 1 | | | 2ft from floor (in hollway) LHS walk in DEC A4 |
| | EU 025804 | | - | 2ft Gom Gior genter ed |
| | 008 54082804 | | | LHS wall center of room DEC.3 5ft from floor LHS wall in Rm 1224 toward |
| | PO09 | | | LHS wall in Rm 1224 fount |
| | ELL097804 | | | wall replace between windows of |
| | 010 | | · | Flour in come of Sant well RHS wall |
| | 011 011 | · · · · · · · · · · · · · · · · · · · | | PRODUCTION WILLIAM OF ANDROLATE |
| | £44.09.250v/ | | <u> </u> | to DEC 3 |
| | 012 | | } | to DEC 3 Compute stand on desk Demoit LHD & reco well |
| | ter 092804 | | | Ceiling, room DEC 3 at colour of EHS is day |
| i | CLL 09209 | | | at coffee of Elds & 18mg |
| | 014 | | | center of RHS |
| l d | 64292404 | <u> </u> | | Ceitian believe come of |
| | 015 ELLO92804 | | | rece will need RHS |
| i | 016 | | | 0/- 10: |
| i. | O1 6 E42 092 909 | | | Blank |
| - · - , | 0/7 | <u> </u> | | Blank |
| ' | 018 | | <u>.</u> | Par teft hand side doubk for doors going to Methods 60 |
| e | 0192804 | | <u> </u> | doors going to Methodill 601 for Certifical Sample on the outside |
| | | <u> </u> | | of su access conel LCS DECT (4 |
| | 020 | | <u> </u> | of signates papel off of velop (a From dell hall going belongs at decor LUS on floor |
| | | | <u> </u> | at deer US on floor |
| - ∔ | | | | |
| | ĺ | - | | |
| ~ | | | | |
| — <u> </u> | | | | 1 |
| | } _ | · | | |
| -+ | | | | |
| | | | | |
| | | | <u> </u> | - |
| + | · | | | |
| _ | | | | |
| | | | | |
| - | —— <u> — </u> | | | J J |
| | | | | <u> </u> |
| | | - <u> </u> | | <u> </u> |
| | | _ | | |
| | | · | - | - |
| · | | | | <u>[</u> |
| Ì | 1 | | | |



AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

BEST AVAILABLE COPY

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

130325

Page 258 of 5269

| www.amaiab.com | | | | | | | | | | | | | | | | 7 | | |
|--|------------------------------------|----------------|--------------------|-----------|------------|----------------------|-------------|------------------|--------------|-------------|----------|---------|----------------------|---|---------------|--|------------------------------|----------------|
| Mailing/Billing Inform | | | | | | | | al Infor | | | | | | | | 3 | h /b- | |
| 1. Client Name: Ar | | | | | | 1 | . Job l | Name: _ | ELL | COTT | CIT | ۲ | | *************************************** | | | 1 | |
| 2. Address 1: <u>30</u> | 1- 14 Old | Bay La | A C | | | 2 | . Job l | Location | a:E | فدرازه | 71 | 174 | M? | > | | | | |
| 3. Address 2: <u> </u> | 110 de (-12 | CM MD | 21078 | 3 | | 3 | . Job # | #: | | on-R | 0.010.0 | un o iv | P.C |). #: | | | | |
| 4. Address 3: | | | | | | 4 | . Cont | tact Pers | son: | on-R | espo | nsiv | е | | @ phone # | 301 | 677 | 3688 |
| 5. Phone #: | | Fax #:. | | | | 5 | . Subr | nitted b | y: | | | | | Signature | | | | |
| Date & Time Results R | -1K N | × 1/∠ × | Reportin | g Informa | ation (R | esults v | will be | provide | d as so | on as te | chnical | ly feas | ible): | | | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | |
| Date & Time Results R | equired: \U /_ | <i>JUI</i> _@\ | 100 | _ [] Immo | I. □24ŀ | ır ∐48 | hr □7 | 2hr \ ∏ 5 | Day + | □ Imm | d. After | -Hours | * □24l | ır After-H | ours* 🔲 La | ite-Night | t* (*must b | e pre-schedule |
| □ Verbals: | @ cell # | | 22 I | ax Copy: | CIAdy | tor | 1.50N | @ fax | + <u>301</u> | 677 | 7137 | | □ Ema | il Copy: | | | @ | |
| Asbestos Analysis | | | | EM Bulk | | | 42. | | | | | Lea | d Analys | sis | | | | |
| PCM Air - Please Indicate | a Filter Type: | | 14 | □ ELA | P 198.4/ | Chatfield | 1 | (| QTY) | | | | ☐ Paint | Chip | (Q' | TY) | | |
| PC MCE Porosity | in a 25mm 37m | m | | | | M/TEM_ | | | TY) | | | | Dust ' | Wîpe (wipe | type |). | | (QTY) |
| ☐ NIOSH 7400 ☐ Fiberglass | | | | ☐ Resi | dual Ash | | | QTY) | | | | | Air | | (QTY) | | | |
| EM Air - Please Indicate | | |] | EM Dust | | | | | | | | | Soil/S | Solid | (Q1 | (Y) | | |
| PC MCE Porosity_ | in a 25mm 37mm | m | | Qual | . (pres/at | bs) Vacue | ım/Duşt | 0.5 | ((| QTY) | | | TCLF | · | (QTY) | | | |
| □ AHERA | (OTY) | | | U Quar | i. (s/area |) vacuun)Dust De | 1 DO 133 | -93 | | _(QTY) | ı | | □ Drink | ing Water, | | _(QTY) | | |
| ☐ NIOSH 7402 | | | 7 | EM Water | | Dust De | P40U-39_ | | (| 51 I) | | , | U waste √Zi Dust' | Water | ((| QIY) | 10 | 20 (0 |
| Other (specify |) | (QTY) | - | | | os)(so | | (OTY) | | | | 1 | الاستارا ليعن | wipe ruin | ace (wipe typ | e <u> - 9-900.</u> | | 2 - (0 |
| <u>LM Bulk</u> □ EPA 600 – Visual I | Fetimata | _(OTY) | | □ ELA | P 198.2/I | EPA 100. | .2 | | (OTY) | | | Mis | cellaneo | us Analysi | 5 | | | |
| EPA Point Count_ | (OTY) | _(Q11) | *** | □ EPA | 100.1 | | | | | | | | | | (QTY) | | | |
| ☐ NY State Friable_ | (QTY) | | or a second | 26 'A. | | Sie- | | | | | | | ☐ Other | (specify_ | |) | (OT | Y) / |
| Grav. Reduction El | LAP 198.1 | (QTY) | DE PLES | "x" \" | A l ca | 2 | | ř | | | | | | | | 1.5 9 | | / |
| Other (specify | | | 58, | , | J 1 X^ | • | | | | | | 1 | | | , e | . نیز | Au 1 | r |
| CLIENT ID | SAMPLE ANALY | SIS INFORMA | | Name. | | A. | NALYS | IS | | | MA | TRIX | WATER | 2 | CI | LIENT C | ONTACT | |
| NUMBER | SAMPLE LOCATI | | VOLUME (LITERS) | AREA | TEM | PCM | PLM | LEAD | OTHER | R AIR | BÜLK | WIPE | AND OTHER | ` } | (LABO | RATORY | STAFF ON | ÆY) |
| ELL092804 001 | | | | 4",4" | | 7.5 | | - 1735 | | | | | | Date/T | ime: | Co | ontact: | By: |
| ELL 692804 602 | | | | 8000 | | | | | | | | | | | A.P. | | | |
| ELL092804 003 | | | 1400 | | | | | | | | 10000 | | | | | | • | |
| ELLOGIBOH DOH | | | | | | 1 | | | į. | | | , | 1 | | | | | |
| 4092804 005 | | | | | | | | | 247124 | | | | | Date/T | ime: | C | ontact: | By: |
| E4692864 006 | | | | | | | | | | | | | | | | | | <u>2</u> J. |
| ELL042804 607 | | | | | | | | 7:53 | | | | | | | | | | |
| ELL092804 008 | | | | | | | | | | | | | | 1 | | | | |
| ELLO92804 009 | | | | | | | | 45.35 | Yalla a | | | 1404.00 | | Date/T | ime: | C | ontact: | By: |
| ELL012804 010 | | | | 1 | | | | | | 1 | | | | | | | | |
| ELLOASBOA OII | | . Partie et a | *** | | | | ary 1945. | | 3 1 3 3 4 4 | | | | | | 200 | | And the second second second | |
| ELL092804 012 | | | | | | | | | | | | | | | | 1 | | |
| ELL092804 013 | | | 8 17 | W. | 1 | 12 | | | | | | | | | | | | |
| LABORATORY STA | AFF ONLY CUST | rody) , | $\Delta \subseteq$ | | | XII | <u> </u> | · | \mathbf{M} | | 1 – | | 12 | | 00 | | | |
| 1. Date/Tin | 12 '3 | //(| II 🍕 | Via | :(1 | كالإ | <u>/</u> Ву | (Pr | | | | | | | | | | |
| 2. Date/Tin | ne Analyzed: | _// | · | | By (Print | | | | | | | | | | | | | |
| 3. Results I | Reported To: 3 FOIA Reading Roo | | | | | | VAILA | are cp | ate: | <u>u</u> /. | 7.41 | 1_6 | /Ti | mesia D | quested Re | oord #1 | 45 odnitial | 85 P. 75 |
| May 2018 mer | ats: | | | | | | | | | | ····· | | | PrRe | leased by N | lational (| Suard Bure | au |

| | | | BULK SAM | PLE D | ATA | - | and the second s |
|---------------------|---|---|---|------------------|--------------|---------------------------|--|
| | For | use of this for | n see USAERA T | G 141: th | e propon | ent is HSHB- | .O. |
| National Stak Mi | Guard Bureau litary Reserva | _ , 301.7# OUST | ss including Zip Bay LANE, AHN, NA De Grace, MD | GR - AUA | J-31 P | Ion-Res | ot (name/AUTOVON) OONSIVE - 0273 Ext 18 |
| Sample | d installation | | Project N | | | ARLOC | |
| | rick Arn s Collected B | | 201 6 1 | · | | | |
| | & Bidd | - , | Date Colle | | | Date Ship | ped |
| | tion of Opera | Military and Company of the Company | 27 54 | سروع وا والأعمار | 2004 | Lagation | (BLDG/AREA) |
| I | ER | | | | | Freder | • |
| Associa | ated Complain | ts (be specif | ic) | | | TIE/24 1 | |
| Associa Y e | ated Air Sam; s ∑No | ples | lf yes, l | lat samp | le numb | ėrs | |
| | | | Label Info | rmation | | | |
| Trade N | lame | | NSN | | Manufa | cturer | |
| Address | • | | | | MSDS | Attached | |
| | | | | | | Yes | ☐ No |
| Analysis | s Desired Le | rad Wipe | s - Furna | ce m | ethod | , , cannot be made Marine | |
| Lab Use Only | Sample No. | | tituents | | Results | | Remarks |
| | FRE-092204 | <u>-</u> | 11 | | | | behind Billting 2 |
| | 001 | | - | | | ********** | above floor |
| | <i>0</i> 02 | | | <u> </u> | | <i>1</i> 40 | (contract) SAA |
| | <i>0</i> 0.3 | <u>.</u> | | | | | SAA |
| i | 004 | | | | | इन्द्रंग | Set Willhide |
| | 005 | 4. | | | • | Wall | just @ of |
| Comment | s to Lab | • | | 1 | ··· <u>·</u> | | ed on other side) |
| | | | | | | | |
| A construct of | 15 - 2 - 4 - 1 - 1 | | Lab Use | Опіу | | | |
| Analyst (| (initia(s) | Reviewe | d By (initials) | | Date fi | eceived | Date Reported |
| | es Performed Posted to NGB FOI/ May, 2018 | 1 | omments; BESTA | VAILABLE (| COPY | | sted Record #J-15-0085 (MD) sed by National Guard Burelu Page 259 of 5269 |

| | | | | |
|----------------|---------------|--------------|---------------|---------------------------------|
| ab Use Only | Sample No. | Constituents | Aecults | Remarks |
| | 006 | | | plan Flan Cate & local |
| | 007 | | | Side of rollup |
| | CO8 | | | Mildle Of Polle |
| | acq | | <u> </u> | B field of rolly |
| <u></u> | 010 | | <u> </u> | au Simili |
| | 011 | | | Above fire exting |
| | 612 | | | At edge of bullet to |
| | 0/3 | <u> </u> | | floor in transf of |
| | 014 | | | floor in hall in |
| | 015 | | <u>-</u> - | THE TOOK IN TOOM OF |
| | 014 | - | | on top of laste |
| | 017 | | | in the of Institu |
| | 018 | | | Shelves adjacent to |
| | 019 | | ··· <u> </u> | Floor : PLT Roo (confer men) |
| | 020 | | <u> </u> | Mill let front of |
| | 021 | · | <u></u> | will at back of |
| | 022 | | · | For of bookslut |
| | 023 | | | |
| | 024 | | | Desk |
| | 025 | | | Blunt_ |
| | 026 | | ···· | Ikak |
| | | | | Blan K |
| | | | | |
| | | | ··· | |
| | | | - | |
| | | ·, | | |

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client

National Guard Bureau

Job Name:

Frederick Armory IFR

Chain Of Custody:

129888

Report Date:

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Frederick, MD

Date Submitted:

9/27/2004

State Military Reservation

Job Number:

Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

P.O. Number:

BPA#W912K6-04-A0002

Date Analyzed:

10/6/2004

Attention:



Summary of Atomic Absorption Analysis for Lead

Page I of 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (fr²) | | orting imit | Final Re | wit | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|-------|--------------------|----------|--------------------|----------|
| 0500027 | RE-092204-001 | Furnace | Wipe | *** | 0.111 | 2.70 | ug/ft² | 3.2 | ug/ft² | |
| 0500028 | RE-092204-002 | Furnace | Wipe | *** | 0.111 | 2.70 | ug/ft* | 9.4 | ug/fit² | |
| 0500029 | RE-092204-003 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 14 | ug/ft² | |
| 0500030 | RE-092204-004 | Furnace | Wipe | *** | 0.111 | 2.70 | ug/ft² | 7.2 | og/ft² | |
| 0500031 | RE-092204-005 | Furnace | Wipe | NOS ROS | 0.111 | 2.70 | ug/fi² | 11 | og/ft² | |
| 0500032 | RE-092204-006 | Furnace | Wipe | Yes 800 | 0.111 | 2.70 | ug/ft ^z | 8.7 | ug/SP | |
| 0500033 | RE-092204-007 | Furnace | Wipe | 2484 | 111.0 | 5.40 | ug/ft² | 30 | og/f f° | |
| 0500034 | RE-092204-008 | Furnace | Wipe | are one | 0.111 | 2.70 | ug/ft² | 22 | ug/ff | |
| 0500035 | RE-092204-009 | Funzace | Wipe | ** * | 0.111 | 2.70 | ug/ft² | 16 | ng/ff ^e | |
| 0500036 | RE-092204-010 | Fumace | Wipe | *** | 0.111 | 2.79 | ug/IF | 9.5 | ng/ff ^e | |
| 0500037 | RE-092204-011 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/9P | 7.9 | ug/ft² | |
| 0500038 | RE-092204-012 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 19 | ng/ft² | |
| 0500039 | RE-092204-013 | Furnace | Wipe | **** | 0.111 | 33.75 | ug/ff | 160 | ng/l^2 | |
| 0500040 | RE-092204-014 | Fernace | Wipe | *** | 0.111 | 5.40 | ug/ff | 50 | ns/g | |
| 0500041 | RE-092204-015 | Famace | Wipe | 430831 | 0.131 | 5.40 | og/fl² | 42 | ntaget. | |
| 0500042 | RE-092204-016 | Famace | Wipe | **** | 0.111 | 13.50 | og/8² | 82 | ng/ft ^a | |
| 0500043 | RE-092204-017 | Furnace | Wipe | *** | 0.111 | 5.40 | ug/ft² | 51 | ng/ft² | |
| 0500044 | RE-092204-018 | Funzce | Wipe | **** | 0.111 | 5.40 | ng/fi² | 35 | ug/ft² | |
| 0500045 | RE-092204-019 | Furnace | Wipe | *** | 0.111 | 5.40 | ug/ft² | 20 | ug/ft² | |
| 0590046 | RE-092204-020 | Furnace | Wipe | *** | 0.111 | 2.70 | ug/fit² | 5.5 | ug/fi² | |

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, x report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicaty matter without prior written authorization on us. Sample types, locations and collection protocols are based upon the information provided by the persons salumiting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and bility for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of holk samples and transmission electron microscopy of AHERA air samples. This report most not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved AMA Analytical Services, Inc.

May, 2018

Posted to NGB FOIA Reading Room An AIRIA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory CIA Requested Record #J-15-0085 (MD)

Released by National Guard Bureau

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

Client:

National Guard Bureau

Job Name:

Frederick Armory IFR

BPA #W912K6-04-A0002

Chain Of Custody:

129888

Report Date:

Address:

No.3749

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

Job Location:

Frederick, MD

Date Submitted:

9/27/2004

10/6/2004

State Military Reservation

Job Number: P.O. Number: Not Provided

Person Submitting: Date Analyzed:

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| AMA Sample Number | Clicat Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ff*) | | erting Jimit | Final Re | olt | Connecuts |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|------|--------------------|----------|----------|--|
| 0500047 | RE-092204-021 | Furnace | Wipe | 49-98 | 0.311 | 2.70 | ug∕ft² | 6.8 | ug/A² | The state of the s |
| 0500048 | RE-092204-022 | Furnace | Wipe | *** | 0.111 | 2.70 | ng/fi ² | 21 | ug/ft² | |
| 0500049 | RE-092204-023 | Fumace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 21 | ug/fft² | |
| 0500050 | RE-092204-024 | Formace | Wipe Blank | 非中华 | N/A | 0.30 | ug | 0.58 | ug | |
| 0500051 | RE-092204-025 | Fumace | Wipe Blank | **** | N/A | 0.30 | ug | 0.58 | nā ap | |
| 0500052 | RE-092204-026 | Fuosace | Wipe Blank | **** | N/A | 0.30 | υg | 0.54 | ug | |

arms,and 50%50%s; EPA 600/R-93/200(M)-7420; Water; SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/kg = parts per million (ppm) by weight __mg/t, = parts per million (ppm) ug = micrograms

ug/L = parts per billion (ppb)

%Pb = percent lead by weight

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

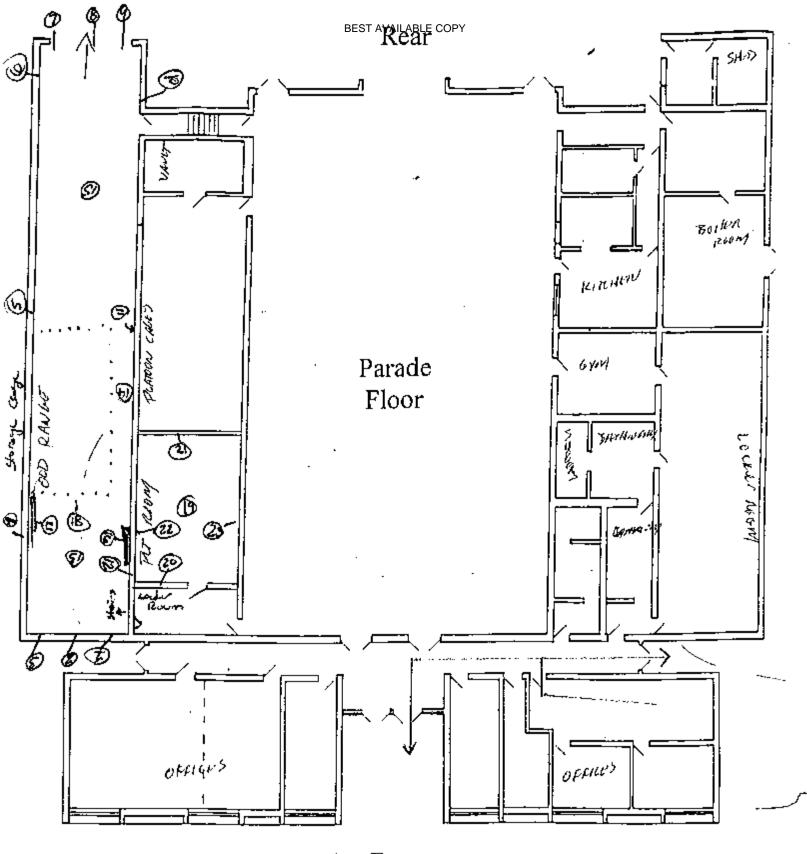
on-Responsive

thrical Manager:

Analyst

2004

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, 's report is submitted and accepted for the exclusive use of the elient to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization m us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and bility for the accuracy and completeness of this information. Residual sample material will be discarded in accurdance with the appropriate regulatory guidelines, unless otherwise requested by the effect. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.



Front

Frederick Armory Evacuation Plan

| Fredrick, MI) SSG Non-Responsive - Range was abated years ago. Nothing remains of range that gives 100% information as to direction of fire/bullet trap, etc. |
|--|
| Non-Responsive 2 2000 - 200! Boss: ble MAJ Non-Responsive was of Safety office Poc Stc Non-Responsive Clared that reno Sation was Clone after clearance samples indicated it was safe to do so. |
| D Wall behind Bullet trap " 5'about floor. (1) An shelves adjacent to Clayes. (2) " " " " " " " " " " " " " " " " " " " |
| Above fire extinguisher At corner of cage At Edge of bullet trap (behind bullet stop) Floor in front of bullet trap Floor in hall in front of cage Floor in front of tractor On top of lockers Posted to NGB FOIA Reading Room BEST AVAILABLE COPY FOIA Requested Record #J-15-0085 (MD) May 2019 painted Concrete cinter black & floors are all painted Conformations |

| ŧ | | | | | | | |
|---------------------------|--------------------|----------------|---|----------|-------------|---------------|---------------------------|
| | _ | | BULK SAMPL | | | | |
| | | | m see USAERA TG 1 | | : propon | ent is HSHB-I | .0. |
| Return <i>National</i> | Address (con | nplete addre | ess including Zip C BAY LANE, AHN; NGB | (sbo | Р | oint of Conta | ct (name/AUTOVON) |
| Stak Mil | Istary Reserval | tim House | De Grace MD 21 | «AVN· | -SI | Ion-Respo | onsive |
| Sample | d Installation | TOTT / MAVIE | Project Numi | | | | 0273 EXT 18 |
| | rick Arm | lad. | Liniant Maint | ber | | ARLOC | |
| Sample | s Collected By | y | Date Collecte | ed | | Date Ship | |
| Bible | & Biddle | e ' | 22 Septe | | 75874 | Date Only | pea |
| | tion of Operat | | ou supri | mger | aun | Location | (BLDG/AREA) |
| | ER | | | | | Freder: | |
| Associa | ted Complaint | s (be specif | fic) | | <u>-</u> 1 | TIELLET | |
| | | | | | | | |
| Associa Ye | s X No | les | If yes, list | sampi | e numb | ers | |
| | | | Label Informa | ation | | | |
| Trade N | ame | | NSN | | Manufa | acturer | |
| Address | | | M | | Mans | Attached | |
| | | £1 K. | | | Marc. | | ~ · · |
| | | | | | L | Yes | ∐ No |
| Analysis | Lea | ad tuip. | es - Furnace | . me | thod | | |
| Lab Use Only | Sample No. | | tituents | | Results | | Remarks |
| İ | FRE-COZZOY | | | | | ivall | behind Bilet trap 3 |
| | (00) | | · | | | , | above floor |
| | ∞z. | | | | | Flor | (conto mun) SAA |
| | <i>0</i> 03 | · · | | | | | SAA |
| | 004 | | | | | Wall | just 1 of locker |
| | 005 | | | | | Wall | J |
| Comment | s to Lab | | | | | <u> </u> | Oranje Care |
| | | | | | | (Continu | ed on other side) |
| * ***** (| | | Lab Use On | ily | | | |
| Analyst (| initials) | Reviewe | d By (initials) | | Date R | leceived | Date Reported |
| Procedure | es Performed | С | omments: | <u> </u> | | | <u></u> |
| | -Peatod to NCP FOI | A Reading Rhom | BEST AVAIL | ARI F CC |)PY | COM Doquest | od Pocord #1.15.0085 (MD) |



BULK SAMPLE DATA

| ab Use Only | Sample No. | Constituents | Results | Remarks |
|----------------|---------------|--------------|--------------|------------------------------------|
| <u></u> | 00 W | | <u> </u> | stall near hollop door |
| | 007 | | | blu Flam Cab & la |
| | CO8 | | | Side of rodu |
| | acq | | | (C) File of roll |
| | 010 | | <u> </u> | 1001 |
| | 011 | | <u> </u> | Above fire exting |
| [| enz | | | At silve of latter & |
| | 013 | | | Floor in front of |
| | 014 | | | floor in bruit of floor in hell is |
| | 015 | <u>-</u> - | | - Floor in transfort |
| | 014 | | | on tog of lock |
| | 017 | · | | 11 1. |
| | 018 | | | Shelles adjacant + |
| | 019 | | | Floor PLT Ro |
| - | 020 | | | Will at front of |
| - - | 021 | <u></u> | | well at back of |
| | 022 | | | Top of bookship |
| _ | OZ3 | | | Dock. |
| | 024 | | | Blank |
| | 025 | | | Blank Blank Blank |
| | 026 | | | Blank. |
| - | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | 1 | | | |

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AlHA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number:

RES 96610-1

Client:

Army National Guard III - West

Client Project Number / P.O.:

None Given

Client Project Description:

Cascade MD and Anapolis MD

Date Samples Received;

August 19, 2003

Analysis Type:

USEPA SW846 3050B / AA(7420)

Tumaround:

3-5 Day

Date Samples Analyzed:

August 22, 2003

| Client | Leb | Sample | LEAD | Detection | LEAD |
|-------------------|-----------|----------|-------|------------------|---------------|
| 1 บ Number | ID Number | Area | (pg) | Limit | CONCENTRATION |
| | | (sq.ft.) | | $(\mu g/sq.ft.)$ | (µg/sq.ft.) |
| CDBLANKI | EM 806468 | 0.11 | BDL | 23 | BDL |
| CDW0I | EM 806469 | 0.11 | 320.0 | 23 | 2909 |
| CDW02 | EM 806470 | 0.11 | BDL | 23 | BDL |
| CDW03 | EM 806471 | 0.11 | BDL. | 23 | BDL |
| CDW04 | EM 806472 | 0.11 | BDL | 23 | BDL |
| APBLANKI | EM 806473 | 0.11 | BDL | 23 | BDL |
| APW01 | EM 806474 | 0.11 | 5.0 | 23 | 45 |
| APW02 | EM 806475 | 0.11 | 17.0 | 23 | 155 |
| APW03 | EM 806476 | 0.11 | BDL | 23 | BDL |

^{*}Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted

Data Qa



RESERVOIKS, ENU. ANALYTICAL REQUEST FORM



| | | EN CEST | ULAR Status (5 working days from receipt) |
|---|---|---------------------------------------|--|
| | E JESKAYOHE | RESL | H Status Required - ADDITIONAL CHARGE ULTS REQUIRED BY CATE FACT DATACHEM LABS PRIOR TO SENDING SAMPLES |
| Cay Person to Conta Telephone (4/ Fex Telephone Billing Address | Non-Res (10) 436-3 (110) 436-3 (if different from above a 110 nal | 5475 5471 | Sample Collection Sampling Site CASCADE MD and Industrial Process Date of Collection Time Collected Date of Shipment |
| Laboratory Use Only | Client Sample Humber | Media Sample Volume Type* (Liters) | ANALYSES REQUESTED - Use Method Number if Known |
| | CDBlank COWOL | | LEAD/AA |

| | Usa Only | Humber Caent Gampse | Type* | (Fiters) | ANALYSES REQUESTED - Use Method Number if Known |
|----|----------|------------------------|----------------------------------|----------|--|
| | | CDBlank _ | | | LEAD / A A |
| | | 26-WO1 | | | |
| } | | COWOZ | | | |
| | | ED WO3 | | | , |
| ~(| <u> </u> | COWOY | | | 4 Water and the state of the st |
| | | AP Blank | | | |
| ĺ | <u> </u> | A STREET | JFB | | Manufacture and the second sec |
| ļ | | APWOL | vers to a company of a second | | This control is a second of the second of th |
| | | APWOZ | | | |
| - | | EOW 94 | | | |
| | | AP BULKO | | | LEAD BULK AA |
| | | AP BULKUZ | 4 Alexander aller de Laboratoria | | LEADBULK AA |
| Į | | APBULK.03 | | | LEAD BUNK AA |

CHAIN OF CUSTODY

| | Refrequished Control (Signature) Non-Responsive Refrequished Control (Signature) | Date / Time | Non-Responsive | Dote / Time 3/9/05 2/45 Data / Time |
|---|--|-------------|----------------|--|
| 1 | 4.1 - 1 . | | 3 | |

4388 Glendale Milford Road / Cincinnati, OH 45242 • 800-458-1493 or 513-733-5336 / Fax: 513-733-5347

DISTRIBUTION:

WHITE - LABORATORY COPY

CANARY - CUSTOMER COPY

BEST AVAILABLE COPY

Cascace (FLPiche) MD Armony

| | | | | Indoor Ra | anço i | nto | | |
|---------------|-----------|-----------|-------|-----------|--------|---------|--|-------------------|
| Wipe Sample € | Arradey | City | Aziwe | Inactive | ŊΑ | Coared? | Location of Samples | Σαντς. (μη#π*) |
| <u> </u> | <u> </u> | | 6 | | | 7es | | |
| CDW0; | Cascade | R. Rime | | L | | | Former IFR Settle | 290 7 |
| CDW02 | Cettoda | FL Ramie | | L | | | Former Of Rimidway on floor near sleeping area | BDL |
| CDW(3 | Cetrarie | PL Promis | | | | | Floor peer Exit Deor to outside | BDL |
| CDWC4 | Cretcrate | PLP65% | | | | | Fiber about one foot from entrance door to new ele flage | BDL |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Fort Ritchie/Cascade Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Fort Ritchie/Cascade Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility. The work was accomplished using ADSW workers as a "self help" project. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsivent (410) 942-0273 x23.





CERTIFICATE OF ANALYSIS



Page Let 2

€'lient:

4.5 Army - CHPPM

A Specialized Environmental Laboratory

Job Name:

National Grand

Chain Of Custody:

100056

Address:

Ams. MCTHETS-OFS, 5158 Blackbawk Read

Job T.ocation:

Ohey Amin'ry

Date Ambacd:

To as 2005

Abcadeon Proving Geografo, Maryland 23010-5403

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting:

Report Dalez

Attention:



行われれの

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Valume (III) | Area Wiped (ft²) | | orting Imit | ŧ | inal Res | ult | Comments |
|----------------------|-------------------------|---------------|-------------|---------------------|---------------------|-------|--------------------------------|---|----------|--------------|----------|
| G40189? | DLWBlank Of | Forouse | Wipe Blank | **** | N/A | 0.50 | เเร | < | 0.3 | ng. | |
| 0401894 | OLW 01 | Famace | Wipe | **** | 301.0k | 13,94 | ug/ft ^a | | 67 | વજીપાદ | |
| 0401895 | OLW 02 | Femace | Wipe | **** | 0.108 | 2.79 | në N | | 4.9 | ตลิเม. | |
| 9401896 | OLW D3 | Forngee | Wipe | **** | 0.803 | 279 | កស្សង្ស, | | 4,7 | វារីក្រុះ | |
| 0401893 | OLWOR | Farnace | Wape | **** | 0.108 | 2.79 | nā _t ự. | | 5.7 | सङ्ग्रहीं | |
| 0401898 | OLW 05 | Femace | Wipe | *** | 0.108 | 2,29 | ແຂງໃຊ້* | | 7.3 | પશ્ચોદિત | |
| 0401879 | OLWBiank 02 | Formace | Wipe Blank | **** | N/A | 6.30 | пS | < | 0.5 | uç | |
| 0401900 | OLW 06 | Fornace | Wipe | **** | 0.108 | 2.79 | ug/it* | | 62 | erSt.lj.; | |
| 0401901 | OLW 07 | Farnace | Wipe | **** | 0.108 | 2.79 | nS ₁ U ₁ | | 4.3 | ng fi | |
| 0401903 | OLW 08 | Fantace | Wipe | **** | 0.808 | 6.97 | n&\g+ | | 44 | પ્રજીતિ: | |
| 0401903 | OLW 09 | Fornace | Wipe | 6867 | 0.108 | 2.79 | nāķiļ, | | 9,8 | ught. | |
| 6461904 | OLW 10 | Furnace | Wipe | **** | 0.108 | 2.79 | ug/ft ³ | | 12 | ፍ ጀላት | |
| 0401905 | OLWBlank 03 | Funtace | Wipe Blank | 4417 | N/A | 0.36 | υg | < | 0.3 | ug. | |
| 0401906 | OLW IE | Famace | Wipe | ***- | 0.108 | 2.79 | nS _t U. | < | 2.8 | ugsR* | |
| £401907 | OLW 12 | Fumace | Wine | **** | 0.108 | 2.79 | ng.R. | < | 2.8 | લાજી/દી૧* | |
| 0401908 | OLW 13 | Furnace | Wipe | *** | 801.6 | 2.79 | ug/ft² | | 5.4 | af€₁∰; | |
| 0401909 | OLWHlank 04 | Furnace | Wipe Black | **** | 0.108 | 2.79 | ⊔ 9/Ω * | ¢ | 28 | ug/A* | |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apporently identical or similar products. As a matual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any obsertising or publicity matter without prior written uniformly and the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any obsertising or publicity matter without prior written uniformly and the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any obsertising or publicity matter written uniformly and the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any obsertising or publicity matter written uniformly and the client to whom it is addressed and upon the condition. from its. Sample types, locations and collection protocols are leased upon the information provided by the persons submitting them and, unless collected by personnel of these Laboraturies, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discorded in necordance with the appropriate regulatory guidelines, unless relaxested by the client. NVLAP Accordination All rights reserved, AMA Analytical Services, Lot. applies only to printing light microscopy of bulk samples and transmission electron microscopy of AREA air somples.

An ABBA (SEE AND APP) TO BE AND AND AND APPEAR OF APPROXIMATE A POST OF A SECOND OF 4405 Forbes Bled. - I militare, MID 29705 - (Ant. 459-2640 - 4-2) bree (860) 546 6961 - bree - 991 | 259-2647

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



(Trent:

US Acmy - CHPPM

Job Name:

National Guard

Chain Of Custody:

100155

Address:

Ann; MCTB-T5-OI 5.7 58 Blackhard Road

Job Location:

Date Analyzed: Olocy Armay

366 63 21m3

Aherdeen Priving Isroands, Maryland 21000-5403

Job Namber:

P.O. Number:

Not imprided

Not Provided

Person Submitting:

Report Date:

(3-Cents)

Attention:



Page 101

Summary of Atomic Absorption Analysis for Lead

AMA Sample

Citent Sample

Analysis Type

Sample Type

Air Volume (1.)

Area Wiped

Reporting

Final Result

Comments.

Number

Number

(ft')

Linüt

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: SPA 500IR-93/200(M)-7420; Water, SM-31118 Analysis Method For Furnace: Air, Wiges, Paints, and Soil/Sollds: EPA 500/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

ug = micrograms %Po = percent lead by weight.

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Analyst



Technical Manager

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical arximilar products. Less matural protection to effects, the public and these distances are samples only to the samples of the public and the condition of apparently identical arximilar products. Less matural protection to effects, the public and thereof advances are this report is submitted and necepted for the exclusive use of the effect to whom it is addressed and upon the established that it is not to be used, in whole or in part, in any advertising or publicise matter without print written as because on from as. Sample types, lucations and collection protected are haved upon the information provided by the persons submitting them and, unless collected by personnel of these Luboratories, we expressly discissin any knowledge and liability for the accuracy and completeness of this information. Breidual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the citeat, NYL, vi recreationisms applies only to poterized light extensions of bulk samples and transmission electron interescopy of AHERA sir samples.

An AHIA (1886). AA LADAY 1911 D. & New York J. LAD (2002). According Landson of 4475 Further Blyd. - Lambana, VIII 24746 - (2013) 459-2640 - 16R Frog (2016) (4rangel - Frac, 50), 459, 564,

MDARNG Facilities IH Baseline Surveys, Olney Armory, Gaithersburg, MD Project No. 55-ML-01RD-03

TABLE 2. Dust-Lead Wipe Locations, Photograph Numbers, and Analytical Results.

| 4.2 | \$100 | Bldg. A, Corridor floor opposite door to Room 15 | 9qiW | OF MJ3 |
|------------|---|--|--|--|
| | | Rooms 11 and 13 | | |
| 8,5> | £100 | Bldg. A, Cottidor floor at intersection, between | aqiW | OF MIS |
| 8.4> | 2100 | Bldg, A, Company Commander's Office 2 floor | | OF MIL |
| 75 | (100 | Bldg, C. Dining Hall floor at wall to Room 5 | | OF MIO |
| 86 | 0100 | Bldg, C, Dining Hall 1 floor at center | | 60W 10 |
| bb | 6/8000 | Bldg. B, Office 5 floor | eq:W | OF MOS |
| | Z000 | Bldg, B, Corridor 31 floor between Offices 5 and 6 | əqiM | OF MOL |
| 12 | 9000 | Bldg, B, Classroom 24 floor near exterior wall | | OT MOR |
| 2.7 | \$000 | Bldg. B, Drill Hall 25 floor at door to Storage 27 | Mipe | OF MOS |
| · | | between columns and front wall | | |
| 7.2 | 4000 | Bidg. B, Drill Hall 25 floor near Storage 26/27 end | aqiW | OF WO4 |
| | | Corridor 24 | | |
| L'b | 6000 | Bidg. B, Drill Hall 25 floor at corner near door to | 9qlW | OF MOS |
| | | between columns and back wall | | |
| -610- | 2000 | Bldg. B, Diill Hall 25 floor near Corridor 24 end | aqiW | OF MOS |
| <i>L</i> 9 | 1000 | Hidg. B, Drill Hall 25 floor near column at center | Mipe | OF MOI |
| ्रा/तेत | | | Sample | Mumbers |
| Result | оголЧ | noilsood | to agy(T | Sample |
| | 8.5> 21 8.6 64 7.7 7.7 7.8 7.7 7.8 7.8 7.9 7.9 | 8.5> £100 8.5> £100 8.6 0100 6.8000 21 (100 21 3000 7.7 \$000 7.7 \$000 7.7 \$000 7.7 \$000 7.7 \$000 7.8 \$000 7.8 \$000 7.9 \$000 | Bidg. B, Drill Hall 25 floor near column at center 0001 67 Bidg. B, Drill Hall 25 floor near Corridor 24 end 0003 4.7 Bidg. B, Drill Hall 25 floor at corner near door to 0003 4.7 Corridor 24 Bidg. B, Drill Hall 25 floor at corner near door to 5torage 27 0004 5.7 Bidg. B, Drill Hall 25 floor at door to 5torage 27 0005 7.2 Bidg. B, Office 5 floor at door to 5torage 27 0006 7.2 Bidg. B, Office 5 floor at door to 5torage 27 0006 7.2 Bidg. B, Office 5 floor at door to 5torage 27 0000 7.2 Bidg. C, Dining Hall 1 floor at center 0000 0000 44 Bidg. C, Dining Hall 1 floor at center 0000 0000 44 Bidg. C, Dining Hall 1 floor at center 0000 0000 44 Bidg. C, Dining Hall 1 floor at center 0000 0000 44 Bidg. C, Dining Hall 1 floor at center 0000 0000 44 Bidg. A, Company Commander's Office 2 floor 0001 5.8 Bidg. A, Company Commander's Office 2 floor 0001 5.8 Bidg. A, Company Commander's Office 2 floor 0001 5.8 Bidg. A, Company Commander's Office 2 floor 0001 5.8 Bidg. A, Company Commander's Office 2 floor 0001 5.8 | Wipe Bidg, B, Drill Hall 25 floor near column at center 0000, 4.7 Wipe Bidg, B, Drill Hall 25 floor near Corridor 24 end 0003 4.7 Wipe Bidg, B, Drill Hall 25 floor at comer near door to 0003 4.7 Wipe Bidg, B, Drill Hall 25 floor at comer near 3 forage 26/27 end 0004 5.7 Wipe Bidg, B, Orill Hall 25 floor at door to Storage 27 0005 7.2 Wipe Bidg, B, Classroom 24 floor near storage 27 0005 7.2 Wipe Bidg, B, Classroom 24 floor near exterior wall 00006 1.2 Wipe Bidg, B, Classroom 24 floor at center 00006 1.2 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 1 floor at center 0000 44 Wipe Bidg, C, Dining Hall 2 floor at center 0000 44 Wipe Bidg, C, Dining Hall 2 floor at center 0000 44 Wipe Bidg, C, Dining Hall 2 floor at center 0000 44 Wipe Bidg, C, Dining Hall 2 floor at center 0000 4000 400 400 400 400 400 400 400 |

Lead in water testing was not conducted in this facility. No significant areas of deteriorated paint were observed.

c. Lead in air. Personal breathing zone samples were collected from one person in Building. A and one in Building B. Both air samples were below the laboratory analytical detection limit for lead in air of 3.0 to 15.0 µg/m² as well as the Occupational Health and Safety Administration (OSHA) standard of 50 µg/m² for lead in air.

d. Lighting. Illumination levels were measured in frequently-used offices in Buildings A and in Classroom 24, Building B. The results are shown in Table 3. The Illuminating Engineering Society of North America (IESNA) recommends a minimum illumination level of 11-30 foot-candles (fc) for occasional visual tasks (such as locating tools and supplies), 31-50 fc for performing large-scale tasks (such as major vehicle repair operations), and 51-100 fc for tasks of medium contrast and small size (such as general office work). Lighting levels in Office 3, Building A; Offices I and 5, Building B; and Classroom 24, Building B did not meet these criteria.

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Glen Arm Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Glen Arm Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIIIA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number: RES 95872-1 USACHPPM Client: Client Project Number / P.O.: None given

Client Project Description: None given Date Samples Received; July 25, 2003

USEPA SW846 3050B / AA(7420) Analysis Type:

Turnaround: 3-5 Day Date Samples Analyzed: August 8, 2003

| Client | Lab | Sample | LEAD | Detection | LEAD |
|-------------|-----------|----------|-----------|-----------------------|---------------|
| 1D Number | 1D Number | Area | (μg) | Limit | CONCENTRATION |
| | | (sq.ft.) | | $(\mu g/sq.\Omega_s)$ | (µg/sq.ft.) |
| GB BLANK-I | EM 798787 | 0.11 | BDL | 23 | BDL |
| GBW-01 | EM 798788 | 0.11 | BDL | 23 | BDL |
| GBW-02 | EM 798789 | 0.11 | BDL | 23 | BDI, |
| GBW-03 | EM 798790 | 0.11 | BDL | 23 | BDI. |
| GBW-04 | EM 798791 | 0.11 | BDL | 23 | BDL |
| GBW-05 | EM 798792 | 0.11 | BDL | 23 | BDL |
| GB BLANK-2 | EM 798793 | 0.11 | BDL | 23 | BDL |
| GBW-06 | EM 798794 | 0.11 | 53.5 | 23 | 486 |
| GBW-07 | EM 798795 | 0.11 | BDL | 23 | BDI, |
| GBW-08 | EM 798796 | 0.11 | 2.5 | 23 | 23 |
| GBW-09 | EM 798797 | 0.11 | BDL | 23 | BDL |
| GBW-10 | EM 798798 | 11.0 | 58.0 | 23 | 527 |
| GB BLANK-3 | EM 798799 | 0.11 | BDL | 23 | BDL |
| GBW-11 | EM 798800 | 11.0 | BDL | 23 | BDL. |
| GBW-12 | EM 798801 | 11.0 | 11.4 | 23 | 104 |
| GBW-13 | EM 798802 | 0.11 | BDL | 23 | BDL |
| GBW-14 | EM 798803 | 0.11 | BDL | 23 | BDL |
| GBW-15 | EM 798804 | 0.11 | BDL | 23 | BDL |
| GBW BLANK-4 | EM 798805 | 0.11 | BDL | 23 | BDL |
| GBW-16 | BM 798806 | 0.11 | BDL | 23 | BDI. |
| GBW-17 | EM 798807 | 0.11 | BDL | 23 | BD1. |
| GBW-18 | ЕМ 798808 | 0.14 | 13.6 | 23 | 124 |

^{*}Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted

Gley Burnie

RESERVOIRS ENVIRONMENTAL, INC.

| 2059 | Bryont St., Denver CO 89211 RES 955 |
|---|--|
| Due Date: 2-30 8-1 | RESI Job # _ RESI |
| Dua Tima: 10 - 15 | Page Lu & |
| SAMPLES SUBMITTED BY: | INVOICE TO: (IF DIFFERENT) |
| Company (15ACHTPM) | OPENIE LEWIS IN CITY |
| Address: | Services and the service of the serv |
| Non-Responsive Photo DV | 2-196-5175 Ex 110-196-5177 Vare |
| Conto- | 3475 Tax Pages |
| Propal Braker redict P.O. Jr. | Final Pols Deliverable Final Address: |
| Project Orschipten Axiaten: | |
| After Hours/Weekend CHARGE: Amount \$ | Authorized by: |
| | |
| Additional fees upply for after hours and helidays for all anal otherwise arranged and specified on the chain of custody, expected. | lysis types. Samples will be analyzed during normal taberatory hours unless Turnaround is embject to laboratory volume. You will be notified if delays no |
| ASBESTOS LABORATORY HOURS: Weekdays: 7am - | ANALYTICAL METHOD |
| nocesies Susantismi invato, frequests; Isin - | AIR FCM 7400A, 74598, OSHA |
| | ILM APENA LYME MOZ, 150. |
| PCIMPLM 7 Hear RUEN 24 hour 1.5 weeklds | |
| TEMSHoor RUSH24 hoer3-5 wreekda | AA/KP Metal RCRA 8 Quet Total, Respective |
| Price Notice REQUIRED for TEM 6 Hour RUSH | |
| enter a menter de la completa de la completa de la completa de la completa de la completa de la completa de la | BULK: PLM Struttspeel Longraport Point Count |
| METALS LABORATORY HOURS: Weekdays: 8am - 5p | m 16M of Quant Seminguas |
| AA _ SPECIAL RUSH _ 24 Hour X3-5 They | AATER TO MENT ROPEAS |
| | TASTELLE TREE TREE TO THE TASTELLE TAST |
| RCRA 8 SPECIAL RUSH S DJy 10 DJY | WATER 16th Dishlog, Waste Water |
| ### P | MWster Metal RCRA 8 |
| TOLP SPECIAL RUSH 5 Day to Day Profits and fill of the special rught as incap | OTHER Specify |
| RURA and TCLP SPECIAL RUSH is 3 Day Turnstown | Winer Sprey |
| Special instructions | To the section of the |
| Strategistics and American (2) | And conserved symmetry and respect to the first of the conserved symmetry and the conserved symmetry a |
| Client Sample Number | \ Yolunne EM# |
| · 23 Black I | 798787 |
| · 230-21 | \\\\\\\ |
| 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | 67 |
| 4 (3.5) | 40 |
| 6 00 | |
| | 92 |
| (GB BINOK-2 | 4.3 |
| · 280-06 | 11 90 |
| 1 - 05 | and a superior with the state of the superior |
| 10 78 | 40 |
| 11 104 | 75 |
| 12 | |
| " AB KINV 3 | |
| 1. ABIT II | 748870 |
| 15 | CH. |
| | e as many additional already as respired.) |
| references and the construction of the construction of the construction of the construction of the construction | o warming scenario and control project manages and chieger. RESI will analyse incoming menyities — |
| | |
| losed upon habanistian nervised with House strongles. Helf as not restrict | isable to eners or emissions in calculations modify from the inaccuracy of oxigns little |
| bused upon information becaused with those strongles. Helf is not respon | isobality enors or oministona to calculations republing from the lanceuracy of city and data. |
| trased upon indumination received with those samples. The same respondences of receipt by Laboratory. Cost to Commission Dimes are based upon dimes of receipt by Laboratory. Cost to Refunquished By: | isable to eners or emissions in calculations modify from the inaccuracy of oxigns little |
| trased upon indumination received with those samples. The same respondences of receipt by Laboratory. Cost to Commission Dimes are based upon dimes of receipt by Laboratory. Cost to Refunquished By: | usinto to enors or consistence in calculations involving from the inaccuracy of only out data cultivatory for number of campiles granulated in when turn resided |
| trived upon informatiquine viced with those samples. Het is not respondent account by the same travel upon times of receipt by the bondary. Out the Refundulation that By: Laboratory Use Non-Responsive Recovered by | notificate errors or consistence in catallations residing from the inaccuracy of englash data substrately for number of samples generated in when turn 1999 in |
| traced upon informatique received with these samples. If this not respond formation I times are based upon times of receipt by Laboratory. Quest Refundished By: Laboratory Use Non-Responsive Received By Canter. | estate to eners or consistence in catallations residing from the inaccuracy of englass data substantially for number of samples generated in when humanood Datallanie. Datallanie. Datallania 2-15-15-15-10-15 JULIS |
| trised upon induminating received with these samples. It this not respond for a received the problems are based upon times of receipt by Lobertian. Out to Relinquished By: Laboratory Use Non-Responsive Received By | catho to enors or consistence in catholistica, rowling from the inaccuracy of only ask data subcordery for number of samples generated in their humanish. Out-those. Dealthour 2-35 (3) (3) |
| to sed upon indumentant received with these samples. If the next respond for a received the sea of | south to eners or consistence in categlations resolving from the inaccuracy of one and data substrately for number of samples generated in when humanood Datations. Datations Datations Datations The Fix Email The Time Initials |
| trised upon information received with these samples. If this part respondent upon times are trised upon times of receipt by Laboratory. One to Relinquistical By: Laboratory Use Non-Responsive Received By Carrier. | estate to eners or consistence in catallations residing from the inaccuracy of englass data substantially for number of samples generated in when humanood Datallanie. Datallanie. Datallania 2-15-15-15-10-15 JULIS |

Prace: (30)) 961-1996 | Fax. (303) 417-4215 | WAIN: 1-458-RESTENY (731-430)) PAGEN ONGALL Pager number available all ab. Ademato Pagens: PLINTEM 509-21VI NOMMobile 509-7010 (AFTER HOURS USE ONLY)



BEST AVAILABLE COPY RESERVOIRS ENVIRONMENTAL, INC.

| HESI Job #, | -853.25 | |
|-------------|---------|--|
| | | |

SAMPLES SUBMITTED BY:

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIHA Certificate of Accredidation #480 LAB ID 101533

TABLE

ANALYSIS:

LEAD IN PAINT

RES Job Number:

RES 95872-1

Client:

USACHPPM None given

Client Project Number / P.O.: Client Project Description:

None given July 25, 2003

Date Samples Received: Analysis Type:

USEPA SW846 3050H / AA (7420)

Turnaround:

3-5 Day

Date Samples Analyzed:

August 8, 2003

| Client ID Number | Lab ID Number | Detection Limit | LEAD CONCENTRATION |
|---------------------|------------------|--------------------|-----------------------|
| | | (%) | (%) |
| GB Bulk-I | EM 798809 | 0.005 | 0.324 |
| GB Bulk-2 | EM 798810 | 0.005 | 0.696 |
| GB Bulk-3 | EM 798811 | 0.005 | 0.348 |

BDL - Below Detection Limit

Page 3 of 3

:4%/, Data Qa _<u>≥</u>



NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Glen Burnie Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Glen Burnie Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





BEST AVAILABLE COPY

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

5 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Greenbelt Indoor Firing Range

- 1. An email dated 4 January 2007 from the CFMO stated that the Greenbelt Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsivent (410) 942-0273 x23.



NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

5 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Greenbelt Indoor Firing Range

- 1. An email dated 4 January 2007 from the CFMO stated that the Greenbelt Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.

Non-Responsive

Non-Responsive_{CIV NGB}

From: Non-Responsive LTC (RET) MDARNG

Sent: Thursday, January 04, 2007 5:08 PM

To: Non-Responsive CIV NGB

Subject: Greenbelt Readiness Center, 7100 Greenbelt Road, Greenbelt, MD 20770-3398



Pursuant to the project specification, the above referenced project has been completed. The contractor:

MARYLAND CLEANING AND ABATEMENT CORP

6811 YORK ROAD

BALTIMORE, MARYLAND 21212

Non-Responsive

410-377-0500

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

V/r

Non-Responsive

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

24 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Hagerstown Readiness Center Indoor Firing Range

- 1. An email dated 17 January 2007 from the CFMO stated that the Hagerstown Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





From: Non-Responsive CIV NGB

Sent: Wednesday, January 24, 2007 7:06 AM

 $_{
m To}$ Non-Responsive $_{
m CIV}$

Subject: FW: Hagerstown Readiness Center, 18500 Roxbury Road, Hagerstown, Maryland 21740-9538

Non-Responsiv

Industrial Hygiene Technician

NGB Region North IH Office 301-IH Old Bay Lane Havre de Grace, MD 21078

Phone: 410-942-0273 x25 Cell: Non-Responsive Fax: 410-942-0254

NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the Freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From: Non-Responsive (RET) MDARNG

Sent: Friday, 12 January, 2007 09:16

To: Non-Responsive CIV NGB Non-Responsive CIV NGB

Subject: Hagerstown Readiness Center, 18500 Roxbury Road, Hagerstown, Maryland 21740-9538

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services 6811 York Road Baltimore, MD 21212 410-377-0500

Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards. V/r

Non-Responsive

BEST AVAILABLE COPY



CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear I

Chain Of Custody:

150765

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

State Military Reservation

Havre de Grace, Maryland 21078

Job Location:

Job Number:

P.O. Number:

Hagerstown Armory

Not Provided

Not Provided

Date Submitted:

Date Analyzed:

Person Submitting:

7/26/2006

7/26/2006

Report Date: 26-Jul-06

Attention:



Summary of Atomic Absorption Analysis for Lead

Page I of 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type Wipe | Air Volume (L) | Area Wiped (ft²) | Reporting Limit | | Final Result | | | Comments |
|----------------------|-------------------------|---------------|------------------|-------------------|---------------------|--------------------|--------|--------------|-------|---------------|----------|
| 0669855 | 20060725HAI 01 | Flame | | | | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669856 | 20060725HAI 02 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669857 | 20060725HAI 03 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669858 | 20060725HAI 04 | Flame | Wipe | 松松谷 | 0.111 | 108.01 | ug/ft² | < | 110 | ug/Ω^2 | |
| 0669859 | 20060725HAI 05 | Flame | Wipe | 机水水水 | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669860 | 20060725HAI 06 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669861 | 20060725HAI 07 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | | 1700 | ug/ft² | |
| 0669862 | 20060725HAI 08 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669863 | 20060725HAI 09 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669864 | 20060725HAI 10 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | |
| 0669865 | 20060725HAI 11 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | | 26000 | ug/ft² | |
| 0669866- | 20060725HAI 12 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | | 1900 | ug/ft² | |
| 0669867 | 20060725HAI 13 | Flame | Wipe | *** | 111.0 | 108.01 | ug/ft² | | 19000 | ug/ft² | |
| 0669868 | 20060725HAI 14 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | | 1100 | ug/ft² | |
| 0669869 | 20060725HAI 19 | Flame | Wipe Blank | 水水水水 | N/A | 12.00 | ug | < | 12 | ug | |
| 0669870 | 20060725HAI 20 | Flame | Wipe Blank | 本本本本 | N/A | 12.00 | ug | < | 12 | ug | |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear I

Chain Of Custody:

150765

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SL

Job Location:

Hagerstown Armory

Date Submitted:

7/26/2006

26-Jul-06

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting: Date Analyzed:

7/26/2006

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type Sample Type Air Volume (L)

Area Wiped

Reporting

associated with these samples.

Final Result

See QC Summary for analytical results of quality control samples

Number

Number

 (ft^2)

Limit

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-3113B

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:



Technical Manage



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disciaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services. Inc.





QC Summary

Sample Delivery Group: 13272

Analysis Type:

Ffame

Sample Type:

Wipe

Analysis Date:

7/26/2006

Result

Percent Recovery Comment

Preparation Blank

ppm

Report Limit Verification Sample

0.3842

0.028

60m

115.3%

Acceptable Acceptable

Expected Spike Level (ppm)

0.3333

Duplicate Sample 1 Duplicate Sample 2 #Num! #Numl mg/Kg mg/Kg

#Error

RPD

#Ecror

Matrix Spike Analysis

Spiked Sample

113.89%

Acceptable

Spike Duplicate

Acceptable

Acceptable

Laboratory Control Sample I Laboratory Control Sample 2

309,108 299,172

84

95.99% 99,45%

3.54%

Acceptable

Calibration Information Correlation of Calibration Curve:

0.999725

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

150764 150764 69850 69851 2006072513V5 OL

SDG Number:

13272

20060725TW5 02

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| AMA Sample Number | Client Sample Number |
|-------------------|---|
| 69852 | 20060725TW5 03 |
| 69853 | 20060725TW5 04 |
| 69854 | 20060725TW5 05 |
| 69855 | 2006072511At DI |
| 69856 | 20060725HAI 02 |
| 69857 | 20060725HAL03 |
| 69853 | 200607251tAL04 |
| 69859 | 200607251fAT 05 |
| 69860 | 200607251FA1 06 |
| 69#61 | 200607251fAL07 |
| 69862 | 20060725HAL08 |
| 69863 | 2006072511At 09 |
| 69864 | 20060725HALL0 |
| 69865 | 2006072513ALTI |
| 69866 | 20060725HAL12 |
| 69867 | 20060725HAL13 |
| 69868 | 2006072513AL14 |
| 69869 | 20060725HAL19 |
| 69870 | 2006072511A120 |
| | 69852 69853 69854 69855 69856 69857 69858 69869 69861 69862 69863 69864 69865 69866 69867 |

SDG Number:

13272

Page 2 of 2

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear II

Not Provided

Not Provided

Chain Of Custody:

150766

8/3/2006

11HA 100470

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Hagerstown Armory N

Date Submitted:

Person Submitting:

Date Analyzed:

Non-Respons

8/3/2006

esponsive

Report Date:

03-Aug-06

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft²) | | orting imit | F | inal Res | sult | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|----------|---------------|---------------|
| 0672090 | 20060802HA2 01 | Flame | Wipe | **** | 0,111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR |
| 0672091 | 20060802HA2 02 | Flame | Wipe | 米米米 | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR |
| 0672092 | 20060802HA2 03 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR |
| 0672094 | 20060802HA2 05 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR |
| 0672095 | 20060802HA2 06 | Flame | Wipe | **** | 0.111 | 108.01 | ug/fl² | | 210 | ug/ft² | ROLL DOOR |
| 0672096 | 20060802HA2 07 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | | 130 | ug/ft² | ROLL DOOR |
| 0672097 | 20060802HA2 08 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672098 | 20060802HA2 09 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672099 | 20060802HA2 10 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672100 | 20060802HA2 11 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672401 | 20060802HA2 12 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672102 | 20060802HA2 13 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR STAIRS |
| 0672103 | 20060802HA2 14 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/Ω^2 | FLOOR, STAIRS |
| 0672104 | 20060802HA2 15 | Flame | Wipe | 班班班语 | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672195 | 20060802HA2 16 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672106 | 20060802HA2 17 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL |
| 0672107 | 20060802HA2 18 | Flame | Wipe Blank | *** | N/A | 12.00 | ug | < | 12 | ug | BLANK |
| 0672108 | 20060802HA2 19 | Flame | Wipe Blank | *** | N/A | 12.00 | ug | < | 12 | ug | BLANK |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY FOIA Requested Record #J-15-0085 (MD)

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Released by National Guard Bureau

4475 Forbes Blvd. • Lanham. MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 Page 290 of 5269

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear II

Chain Of Custody:

150766

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

Job Location:

P.O. Number:

Hagerstown Armory

Date Submitted:

Date Analyzed:

associated with these samples.

8/3/2006

State Military Reservation

Job Number:

Not Provided Not Provided Person Submitting:

8/3/2006

03-Aug-06

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type Sample Type Air Volume

Area Wiped

Reporting

Final Result

Comments

Number

Number

(L)

(ft²)

Limit

See QC Summary for analytical results of quality control samples

Report Date:

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) %Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analys

Technical Manage

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018





QC Summary

Sample Delivery Group: 13317

Analysis Type: Sample Type:

Plaine Wipe

Percent

Recovery

Analysis Date: 8/3/2006

Result

RPD

Comment

Preparation Blank Report Limit Verification Sample

ppm ppm

106.9%

Acceptable Acceptable

Expected Spike Level (ppm) 0.3333

nig/Kg mg/Kg

Duplicate Sample 2 Matrix Spike Analysis

Duplicate Sample 1

#Num1

#Error

#Error

Spiked Sample

27.11%

Acceptable Acceptable

Laboratory Control Sample I Laboratory Control Sample 2

Spike Duplicate

293.109 283.265

0.000

0.3564

//Numl

HB. ИB

96.27% 98,67%

2,46%

Acceptable Acceptable

Calibration Information

Correlation of Calibration Curve;

0.99937

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number

Client Sample Number

150766 130766

72090 72091

2006080211A2 01

SDG Number:

20060802HA2 02

13317

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|--------------------------|
| 150766 | 72092 | 2006080211A2-03 |
| 150766 | 72094 | 20060802HA2 05 |
| 150766 | 72095 | 200 60802 11A2 06 |
| 150766 | 72096 | 2006080211A2 07 |
| 150766 | 72097 | 2006080211A2 08 |
| 150766 | 72098 | 2006080211A2 09 |
| 150766 | 72099 | 20060802HA2 10 |
| 150766 | 72100 | 20060802FFA2 11 |
| 150766 | 72101 | 20060802HA2 12 |
| 150766 | 72102 | 20060802HA2 13 |
| 150766 | 72103 | 20060802HA2 14 |
| 150766 | 72104 | 2006080214A2-15 |
| 150766 | 72105 | 20060802HA2 16 |
| 150766 | 72106 | 20060802IIA2 }7 |
| 150766 | 72107 | 2006080211A2 18 |
| 150766 | 72108 | 20060802FFA2 19 |

SDG Number:

13317

Page 2 of 2

۵.

No.6833

9:33AM

2006

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

148401

| www.amarap.com | | | | | |
|--|---|--|---|--|--|
| Mailing/Billing Information: | s al 148 | | Submitted Information: | | |
| 1. Client Name: NGB Region 1 | borik, ift | - | 1. Job Name: DC ARSE | Penge / Hagerstown | |
| 2. Address 1: 361-11 6ta Bay | | | 2. Job Location: DC & | Hagers town, MD | |
| 3. Address 2: Haure de Grace | MD 21078 | | 3. Job#:Non Do | esponsive P.O.# | |
| 4. Address 3: | | | 4. Contact Person | esponsive @ | . UID 942 0273 x25 |
| 5. Phone # 410 942 0273 x2 | 5 Fax # 410 | 942 0254 | 5. Submitted by: | Signature: | n-Responsive |
| Timene metane COC/field that sheets | orth results - Repor | fing Livormenton (Reside | SWILL PROPRIES AS SOUR AS CO. | | THE RESERVE OF THE PROPERTY OF |
| Date & Time Results Raspacet A | 0 00 0 93 | E 110000E 1-1246-1-14 | Siz (17dia 565 Elay a 1 Ilmini | d After Reios 1 324br After House | Hane Night 1 Turist be the scheduled |
| FPA-6 | | | | Francisco Persia | |
| The state of the s | | | AND RESTORED TO THE WAY A SECOND TO THE RESTORED TO | | |
| Asbestos Analysis PCM Air – Please Indicate Filter Type: | | TEM Bulk Q ELAP 198.4/Chatfir | ata como | Lead Analysis | ACMENT. |
| PC MCE Porosity in a 25mm 37 | mm | O NY State PLM/TEA | | Paint Chip Block Wipe (wipe type C | (QTX) (QTX) |
| D NIOSH 7400(QTY) | | Residual Ash | (OTY) | CI Air(OTY) | // |
| C Fibergless (QTY) | | TEM Dost | | | (OTY) |
| TEM Air - Please Indicate Filter Type: | | | cum/Dust(OTY) | Q TCLP (OT | |
| PC MCE Porosityin a 25mm 37i | mm . | 🗆 Quan. (s/area) Vacon | um DS755-95(QTY) | ☐ Drinking Water | (QTY) |
| O AHERA (QTY) NIOSH 7402 (QTY) | | 🖸 Quan. (s/area)Dost 1 | D6480-99(QTY) | Q Waste Water | _(QTY) |
| O Other (specify) | (OTY) | TEM Water | | 🔾 Dast Wipe Fucusce (wipe | type)(QTY) |
| PLM Bulk | | Qual. (pres/abs) | (QTY) | | _ |
| EPA 600 - Visual Estimate | (QTY) | CI ELAP 198,2/EPA 10 CI EPA 100.1 | | Mold - Direct Microscopie Ausi | |
| C EPA Point Comm(QTY | | | | Spore-Trap(QTY) | O Bolk (QTY) TY)O Sorface Vacuum Dust (QTY) |
| Q NY State Frizible (QTY) | (QTY) | All samples received | d in good condition unless otherwise | | Y) Cl Other (Specify)(QTY) |
| Of Other (specify) | (QTY) | (TEM Water samples | °C) | | -,(-,,,(4-2) |
| SAMPLE INFO | RMATTON | ANAL | LYSIS aM | IATRIX | CLIENT CONTACT |
| CLIENTID SAMPLE LOCAL | HOW YOLUM | E WIPE 3 3 3 3 3 3 3 3 3 | Asiz 2 3 2 4 3 8 8 | [B] 33 5 Z | |
| NUMBER IDENTIFICAT | ON DATE (LITERS | AREA & a a | | [326] 34 [3] 5 (LA | BORATORY STAFF ONLY) |
| DC32 LEISE BL | 16.55 | | | Date/Time: | Contact: By: |
| DC0216200602 | | 1 _ 1 _ 1 _ 1 _ 1 | | | |
| | | | | | |
| DCB2162846 a4 | | KIZI I I | | | |
| | **** | Marie III | | | |
| TOTAL THE REAL PROPERTY. | | The Control of the Co | | Date/Time: | Contact: By: |
| MDB2232866 &1 Hot water her | ter 23FEB | Nia > | | | |
| | | | | ************************************** | |
| | | | | | |
| | | | | | |
| | | | | Date/Time: | Contact: By: |
| | | | | | |
| からなる はなかな かんかん かん ちゅうしょ カル かん かん かん かん かん かん かん かん かん かん かん かん かん | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| TABORATORY MADE ONLY (CU | | | | | cononcivo |
| f Designation Of | ************************************** | | Dy Rade of Chick | A STER MANUFACTURE OF THE STEEL | esponsive |
| Description of the second | 4 / 6 / 06 | Remark | and the large | ORS ASSESSED | |
| K. W. H. B. C. C. | | | Acres 200 Estimates | | |
| | 112121111111111111111111111111111111111 | ****** | | | |
| Posted to NGB FOR Read | | | | And the second section of the section of the | |
| 1 USICU IU NOD I OIA NEac | aning ittoorii | | | | |

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client

National Guard Bureau

Job Name:

DC AASF Range/Hagerstown

Chain Of Custody:

148401

Address:

No.6833

301-IH Old Bay Lane, After NGB-AVN-SI. State Military Reservation

Job Location:

DC & Hagerstown, MD

Date Analyzed:

3/6/2006

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting

100

Attention:



Summary of Polarized Light Microscopy

Page 1 of 1

| AMA Sample Number | Client Sample # | Total Asbestos | Chrysotile Percent | Amosite Percent | Crocidolite Percent | ASDCSTOR | Mineral Wool Percent | Fiberglass Percent | Organic Percent | Synthetic Percent | Other Percent | Particulate Percent | Homogeneity | Comments |
|--|--------------------|-------------------|-----------------------|--------------------|------------------------|----------|----------------------------|-----------------------|--------------------|----------------------|------------------|------------------------|-------------|----------|
| ************************************** | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 0630542 | MD02232006 | NAD | _ | _ | | | | | | | | -44 | | |

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

- TEM RECOMMENDATION Pieuse note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.
- MATRIX REDUCTION RECOMMENDATION Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected"

01

TR = "Trace equals less than 1% of this component"



Off-White Homogeneous PC

2006

9:32AM

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of appearently identical or similar products. As a mutual protection to clients, the public and these Laboratories, nis report as submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization - um us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboraturies, we expressly disclaim any knowledge and ability for the accuracy and completeness of this information. Residual sample material will be discarded in accurdance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditations applies only to polarized light microscopy of bulk camples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.

An ATHA (#3863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Posted to NGB FOIA Reading Room Portes Bivd. • Lanham, MD 27706 • (301) 459-2640 HIVILIFICE (1906) 346-0961 • Fax (301) 459-2643

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear II

Chain Of Custody:

150766

Address:

301-4H Old Bay Lane, Attn. NGB-AVN-SI,

Job Location:

Hagerstown Armory

Date Submitted:

8/3/2006

8/3/2006

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

Report Date: 03-Aug-06

Attention:



Summary of Atomic Absorption Analysis for Lead

Page Lof 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft²) | | Reporting Limit | | Reporting | | | | Reporting | | inal Res | ¢lt | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|--------------------|---|-----------|---------|---------------|--|-----------|--|----------|-----|----------|
| 0672090 | 20060802HA2 01 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR | | | | | | |
| 0672091 | 20060802HA2 02 | Flame | Wipe | **** | 0.111 | 108.01 | ttg/ff2 | < | 110 | ug/it² | FLOOR | | | | | | |
| 0672092 | 20060802HA2 03 | Flame | Wipe | **** | 0 111 | 108.01 | ug/ft² | < | 110 | ug/ft² | FLOOR | | | | | | |
| 0672094 | 20060802HA2 05 | Flame | Wipe | *** | 0.111 | 108 01 | υ <u>ę</u> / ໃ² | < | 011 | ug/ft² | FLOOR | | | | | | |
| 0672095 | 20060802HA2 06 | Flame | Wipe | **** | 0 111 | 108.01 | $m_{\rm h}(t)$ | | 210 | ug/il² | ROLL DOOR | | | | | | |
| 0672096 | 20060802HA2 07 | Flame | Wipe | + = 7 * | 0.111 | 108.01 | ս <u>ջ</u> /ਜੋ² | | 130 | ug/ft² | ROLL DOOR | | | | | | |
| 0672097 | 20060802HA2 08 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL | | | | | | |
| 0672098 | 20060802HA2 09 | Flame | Wipe | **** | 0,111 | 108.01 | ug/ft² | < | 110 | ug/fl² | WALL | | | | | | |
| 0672099 | 20060802HA2 10 | Flame | Wipe | **** | 111.0 | 108.01 | ug/ft² | < | 110 | ug/ft² | WA! J. | | | | | | |
| 0672100 | 20060802HA2 11 | Flame | Wipe | +++ | 111.0 | 108.01 | ug/lit² | < | 110 | ug/ft² | WALL | | | | | | |
| 0672101 | 20060802FIA2 12 | Flame | Wipe | **** | 111.0 | 108.01 | ug/ft² | < | 110 | ug/ff³ | WALL | | | | | | |
| 0672102 | 20060302HA2 13 | Flame | Wipe | *** | 111.0 | 108,01 | ug/ft² | < | 110 | ug/ft² | FLOOR STAIRS | | | | | | |
| 0672103 | 20060802HA2 14 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | սջ/ճ² | FLOOR, STAIRS | | | | | | |
| 0672104 | 20060802HA2 15 | Flame | Wipe | **** | 0.111 | 108.01 | ug/ft² | < | 011 | ug/ព្រះ | WALL | | | | | | |
| 0672105 | 20060802HA2 16 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 011 | ug/ពិ² | WALL | | | | | | |
| 0672106 | 20060802HA2 17 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | < | 110 | ug/ft² | WALL | | | | | | |
| 0672107 | 20060802HA2 18 | Flame | Wipe Blank | **** | N/A | 12.00 | นฐ | < | 12 | ug | BLANK | | | | | | |
| 0672108 | 20060802HA2 19 | Flame | Wipe Blank | *** | N/A | 12.00 | ug | < | 12 | ug | BI,ANK | | | | | | |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

Havre de Grace, Maryland 21078

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Hagerstown Clear II

Chain Of Custody:

150766

Hagerstown Armory

Date Submitted:

Person Submitting:

8/3/2006

Address:

301-IH Old Bay Lane, Attn. NGB-AVN-SI, State Military Reservation

Job Location:

Job Number:

P.O. Number:

Not Provided

Not Provided

Date Analyzed:

associated with these samples

8/3/2006

Report Date:

03-Aug-06

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Number

Number

(L)

(ft^r)

Limit

See QC Summary for analytical results of quality control samples

Analysis Method for Flame; Air, Wipes, Paints, and Soil/Solids; EPA 600/R-93/200{M}-7420; Water; SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Note: All samples were received in good condition unless otherwise noted

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Technical Manager:



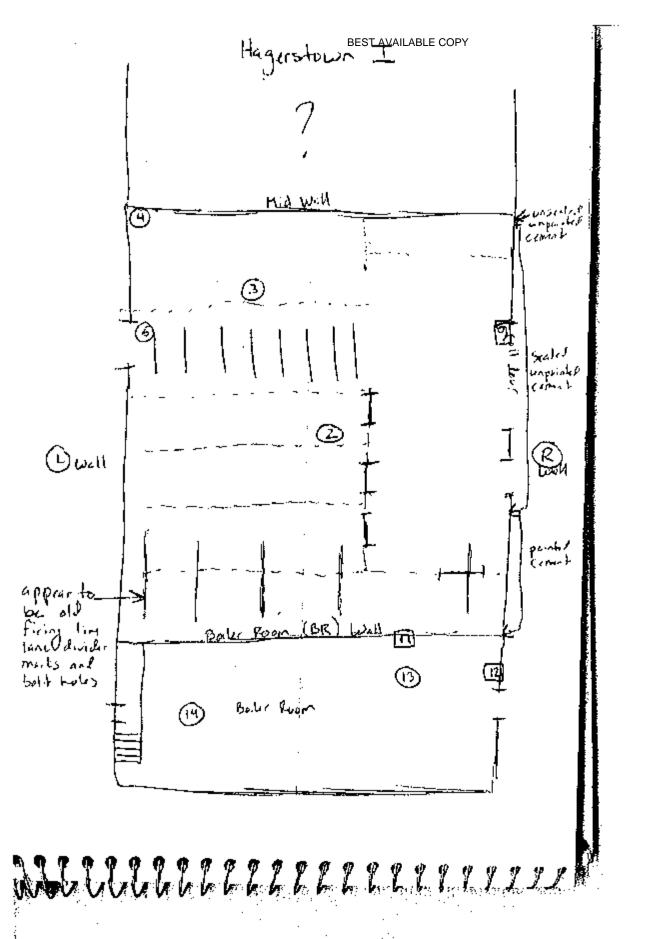
This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and Hability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Hagerstown I

Floor, 3 from BR Wall, 3 from (B) well 20060125 HAL OL Floor , 30' from BR Well, 9' from (R) WEH Floor 45' from BR Will, 6' from @ well Floor, coiner, (well and Mid wall Steirs, Landing top, on R(es goup stains) towards steins 2' from Settom of Lor Rull door, @ Side (as looking @ door from inside carge) from @ twill 05 06 Well, Boiler Room Wall, 7' black up, mid of 1" Lili Stock 07 Will ,36 from BR Well, 10th black from Plans, Cartered Wall between down & coll door, 2' Street I'm flow Wall, Mid Well, 9' from @ well 5th Hock from Row Il Aug, BR Will, 6 from @ well, 10th block from flow chied 12 Box, B, 4' from BR Well, 4th block from flow, ctient 13 Floor, 5' from @ well, 3' from BR WELL 14 Floor, 15 from 1 well 12 from BR well

19 BLANK

豫





AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150765

CHAIN OF CUSTODY

| Mailing/Billing Information: | | | | | | | | al Info | | | | | | | | | |
|---|-------------------------------------|-------------|---------------------|---------------------------------|---|---------------------|-------------------|-----------|---|-----------------|---------------|---|---|----------------|-------------------------------------|--|-------------------|
| 1. Client Name: NG | B Region No. | بالكم " | 14 | | | 1. | Job | Name: | 112 | 44815 | <u>د ای د</u> | nu C | lear | 工 | | | |
| 2. Address 1: 301- | 14 01% Bay 1 | LGNC | | | | 2. | Job | Locati | on; | Hage | 115- | א מעפ | <u>Armo</u> | ·· y | | | |
| 3. Address 2: Haure | de Grace M | <u>.D 2</u> | 1078 | | | _ 3. | Job | #: | | | | espons | | DΩ | , #: | ww. | |
| 4. Address 3: | | | | | | _ 4. | Con | tact Pe | rson | Nor | 1-R | espons | sive | | @ nhone | # 410 942 | 0273 |
| 5. Phone #: 410 90 | | | | | | | | mitted | | | | | | 8 | Signature:_NON | # 4to 942 - <mark>Responsive</mark> | |
| ☐ Please include COC/f | ield data sheets with re | sults | Repor | ting Infor | mation (Re | ults w | ill be | provid | led a | s soon | ı as t | echnically | feasib | le): | | | |
| Date & Time Results Re | equired:// | @ |): | | nd. 🗆 24hr | □48h | r 🗆 7 | 2hτ [|]5 Da | 1y + 🗀 | Imr | nd. After-F | lours* | □24h | r After-Hours* 🗌 | Late-Night* (*must | be pre-scheduled) |
| ☐ Verbals: | @ cell:# | | [| ☐ Fax Cop | y: | | | @ fax | # | | | | | Emai | I Copy: | @ | |
| Asbestos Analysis | | | | TEM Bul | k | | | | | | | , | Lead / | Analysi | is | | |
| PCM Air - Please Indicate | | | | ÜΕ | AP 198.4/CI | atfield_ | | | _(QT | Y) | | | | Paint (| Chip | (QTY) host) 16 | |
| PC MCE Porosity NIOSH 7400 | | | | U N | Y State PLM/ esidual Ash_ | TEM | | (| (QTY |) | | | × | Dust V | Vipe (wipe type <u>\sigma</u> (QTY) | 1007) 14 | (QTY) |
| Fiberglass | (QTY) | | | TEM Dus | | | (| QLIJ | | | | | ū | Soil/S | olîd(Q11) | OTY) | |
| TEM Air - Please Indicate | | | | | ual. (pres/abs) | | | | | | | | | TCLP. | (QT | Y) | |
| PC MCE Porosity □ AHERA | (OTY) | | | | uan. (s/area) \ | | | | | | | Z) | | Drinki | ng Water | (QTY) | |
| □ NIOSH 7402 | (QTY) | | * | TEM War | uan. (s/area)D ter | ust Do4 | 180-99 | | | (Q1 | Y) | | | Waste | Water | (QTY) type)_ | (QTY) |
| Other (specifyPLM Bulk |) | (QTY) | | | ual. (pres/abs) | | | _(QTY | 0 | | | | _ | 1,2036 | ripe k drudee (wipe | (ypc | (Q11) |
| ☐ EPA 600 – Visual E | stimate(Q | TY) | | | LAP 198.2/EF | A 100.2 | <u></u> | | (Q) | (Y) | | | | | t Microscopic Anal | | |
| EPA Point Count | (QTY) | | | <u> </u> | PA 100.1 | | (Q) | (Y) | | | | | | | | ☐ Bulk((C "Y)☐ Surface Vacuum | |
| □ NY State Friable□ Grav. Reduction EL | | OTY) | | | ll samples rec | | | | on unl | less oth | erwi | se noted. | | Surfac | e Tape (OT | Y) Other (Specify | Dust(QTY) |
| Other (specify | | (QTY) | | (TEN | A Water samp | les | °C |) | | | | | | | <u>F</u> | -, \- <u>-</u> | |
| CLIENT ID | SAMPLE INFORMAT SAMPLE LOCATION/ | ION | LOVE TO C | E WIPE | 1 - 1 A | NALYS | is | , 9 | , | , 24 | , , | MATRIX | un I Ac | , 0 | , | CLIENT CONTACT | r |
| NUMBER | IDENTIFICATION | DATE | VOLUME (LITTERS) | | / # / B | 1 7 / | = | § | ₹ . | / m / | / క్లో | MATRIX |]] | SWAB | / (LA) | BORATORY STAFF O | ONLY) |
| 20066725HAL OL | Floor | 7 25 | | 4",44" | | | \times | | | | × | | | | Date/Time: | Contact: | By: |
| 20060725HA1 02 | | 7 | | 200 | | | Į. | | | | | | | | | | |
| 20060725HAL 03 | | | | | | | | | | | | | | | | | |
| | Floor | | | | | | | | *************************************** | | - | | | | | | |
| | Floor, Stairs | | | | | | | 7,733 | | | | | | | Date/Time: | Contact: | Ву: |
| | Roll Door | | | | | | Castrat | | | | | | | | 2 3.0. 1.11.0. | College | |
| | Wall | | | | | 100000 | | | | | | | | | | | |
| 20060725 HAT 08 | | | | | | | ĺ | | VIII.70111111 | 2011/2014/04 | | (100 (100 (100 (100 (100 (100 (100 (100 | 1000000 | | | | |
| | Wall | | | İ | | | | | | | | | | | Date/Time: | Contact: | By: |
| | Wall | | | | | | i i | | | | | | 100000000000000000000000000000000000000 | | Duno, Ilmo. | Contact | |
| | Wall, Bolls Room | | | | | V251 | | | | | | | | | | | |
| | Wall Boiler Room | | | 9 | True () () () () () () () () () () () () () | 1944 (1940 ALIANSA) | | | ejita Marija Vir | eia, ii i sassa | 1 | - v - v - v - v - v - v - v - v - v - v | 1222 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Value was seen | | | |
| 20060725HAZ13 | Floor Boiler Room | V | | V | Back vary | | V | | | | V | 1 3200 00 | | | | 2001/07/2001/02/2 | |
| | FF ONLY: (CUSTOD | | | | | | | | | | | | | | | | |
| 1. Date/Tim | | <u> </u> | | @\ | √ia: | | В | y (Print) |): | | | | | | Sign: | | |
| 2. Date/Tim | | | 7 | @ | By (Print): | | | | | 10111 | | Si | m. | | | | |
| | | | | | | 7.352-516.5 | | | Dete | | | / | / | ำ | | | alas |
| Posted to NGB May 120 parmen | Reported To: FOIA Reading Room | planic | | | B | Ľst ∧ | ∨AIL A | BLE C | OP'Y | | 7 | | | - 11 | Polested Released b | Record #J-15-0085 | (MD) |
| way, 2048 mich | | | - Programma | ne contenue de la competitación | 1884 1885 1885 1885 1885 1885 1885 1885 | 4.2800,000,00 | V - 2-2- | | en sterred | en en en en | 04,077 | | 2.5.25.55.55 | | Keleased D | y National Guard Bu Page 300 of | |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

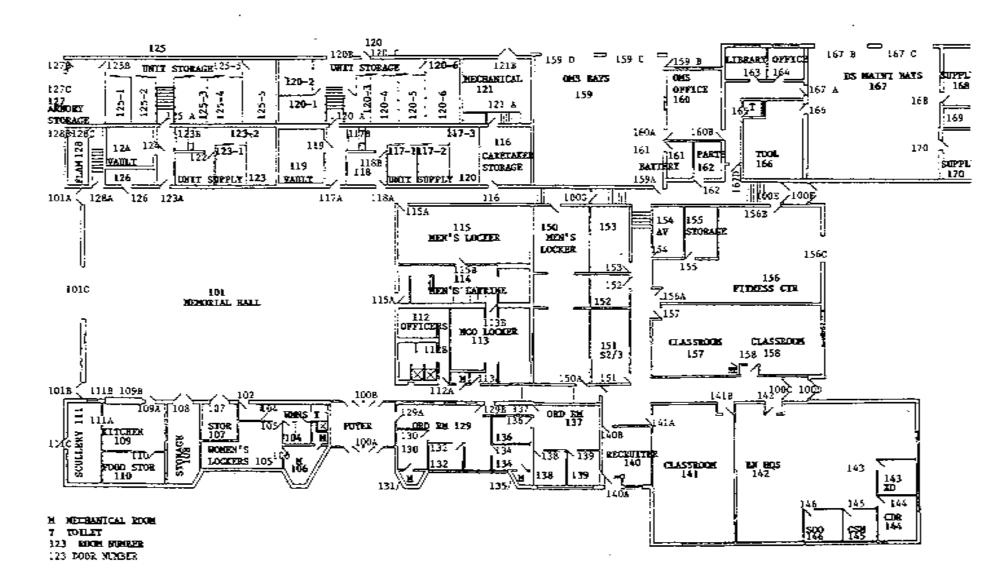
BEST AVAILABLE COPY

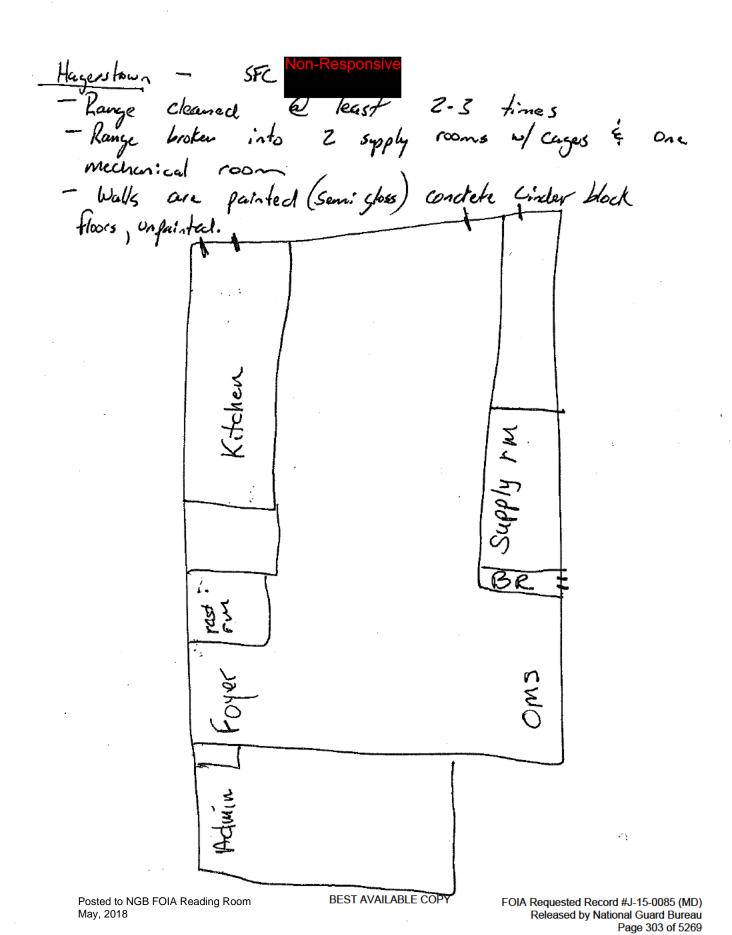
(Please Refer To This Number For Inquires)

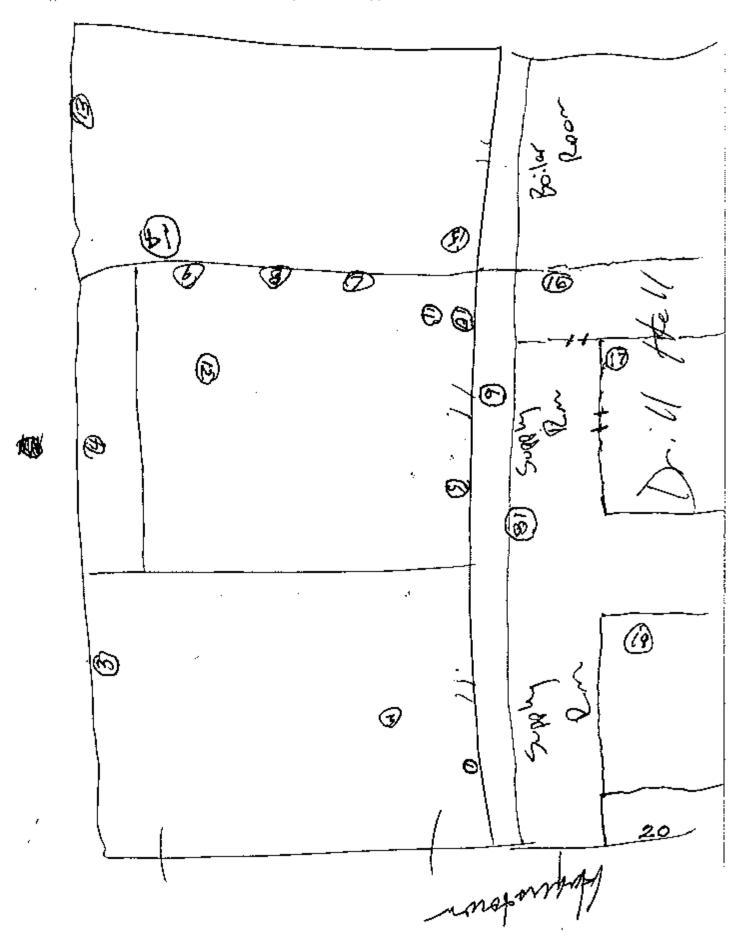
150765

CHAIN OF CUSTODY

| Mailing/Billing Information Name: NG | ation: | اد ملا۔ | H | | | | ittal Ini h Name | | | ctow | , n | Clea | ar T | | | | | |
|--|-------------------|----------|--|---|---|--|---------------------------------------|----------|------------------|-----------------------|--------------------|----------|----------|--|---|--|---------------------------------------|------------------|
| 2. Address 1: 301 - | IH OLD ROLL | l sat | | | | 2 10 | h I ocat | ion: | 1166 | 100 | 125 | Ar | Mor | | *************************************** | | | |
| 3. Address 2: Have | Ol Crease N | 10 21 | 078 | | | 3. Jo | b #: | | | | | _ | | $D \cap$ | 44- | | | |
| 5. Address 2: FIAVE | <u> </u> | | <u></u> | | | 4. C | ontact P | erson: | Nor | ı-Re | spor | isive | | . r.o. | #:@ nhone | # Чю 942 Responsive | 0273 | |
| 4. Address 3: 5. Phone # | 12 0273 | Far # | 410 942 | 0254 | | 5. St | bmitted | l by: | | | | | | S | ignature: Non- | Responsive | | |
| Delease include COC/fi | | | Reporting In | formation | (Resu | lts will b | e provi | ded as | SOOR | as te | chnic | ally fea | asible | >): | -Branco. | | | |
| Date & Time Results Re | quired:// | | | Immd. 🔲 | 24hr [|]48hr [|]72hr [|]5 Da | y + 🗀 | Imm | d. Afte | er-Hou | rs* [| 24hı | After-Hours* | Late-Night* (*mus | st be pre-sche | eduled) |
| U Verbals: | @ cell # | | 🗅 Fax | Сору: | | | _ @ fa | x # | | | | | _ O E | mail | Сору: | | · · · · · · · · · · · · · · · · · · · | |
| PLM Bulk DEPA 600 - Visual Est Plant Fount NY State Friable Grav. Reduction EL Other (specify CLIENT ID | | (QTY) | TEM TEM TEM TO TO TO TO TO TO TO TO TO T | Qual. (pre Quan. (s/a Quan. (s/a Quan. (s/a Water Qual. (pre DELAP 190 DEPA 100. | PLM/TI Ash es/abs) Varea) Varea) Dus es/abs) 3.2/EPA 1 es receir sample: | /acuum/D /ac | _(QTY) ust 55-95 99 (QT(QTY) d condit | Y) (QTY) | (QT (QT Y) | (QTY) Y) erwise | noted | м | | aint Coust Wairoil/So CLP_orinkin Vaste Voust W Direct pore- urface urface | Chip | Y) (QTY) (QTY) type (ysis Bulk (TY) Other (Specify CLIENT CONTAC | (QTY) m Dust | _(QTY) _(QTY) |
| NUMBER | IDENTIFICATION | DATE | (LITERS) ARE | A / E | -31 | | 4 3 | (₹ / | <u> </u> | Š | ₹ 46 | \$# | <u> </u> | 5 | (LA | BORATORY STAFF | | |
| 20066725HA1 14 | | 47125 | | | | - | <u> </u> | | | $\hat{\ }$ | | | | | Date/Time: | Contact: | By: | |
| 20060735HA1 19 | BLANK | | NI NI | | | | , | | | \forall | | | | | | | | |
| 20060725HA1 20 | BLANK | V | NI | 4 | | - V | | | ··· | <u>v</u> | | - | | | | | | |
| | | | | | | | | - | | | | | | | D . T | | | |
| | | | | | | | + | | | | | | | • | Date/Time: | Contact; | By: | |
| | | | | | | | - | | | | | | | | | | | |
| | | <u> </u> | | | | <u> </u> | | ! | | | | | | | | | | |
| | | - | | | | | | | | | | | | | *************************************** | | | |
| | | | | | | | | | | | | | | | Date/Time: | Contact: | By: | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ····· | | | |
| | | | | | | | | | | | | | | | | | | |
| | The second second | | | | N 1946 | | | | | | | | | <u> </u> | | | | |
| LABORATORY STA 1. Date/Tim | ne RCVD:/_ |)Y) / | @ | Via: | | | By (Prin | n): | | | | <u> </u> | | | Sign: | *************************************** | | |
| 2. Date/Tim | | | · | - | Print): | | | Т. | | 10/ | 17. ₇ . | Sign: | | nre . | | | 44.1 | |
| Posted to NGBIFO | | | | | BEST∜ | WAILAB | LE COF | μate: | | | | (| | FO | | ord #J-15-0085 (M | | |
| May, 2041.8Commen | ts: | | | | · | | | | | | | | | | Released by N | ational Guard Bure Page 301 of 52 | | |







Hagustown from , wall w/ rottup door due approx. 5'f/flr. 1. Cender Block Wall in cape 2 Foloof in 125.5 Cinder Block was appear 5 + 1 Flor Floor in NBC cage Wall above was cages approx. 15' f/f/E. above cagli (Ree pu Top of Ammo/ & BIMM in AMMO TRANSFER CAGE Top of GAMO NETTING un AMMO TRANSFER CAGE Man 3 2000 Steel Top 200 Stell in in Transfer Cage Block Wall approx. 5 8/Flr Fla. appress. 5 t/ wall Case 13 14 Blut wall beneath Hot Water Tank Wall approx & & Flo. under Vent in Basic & 16 Flr. im Locker Menter 23. 17 Top of file cubinet (unit stockage Els in H5C supply (see pic.

computed sereon in HSC

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

PADYN PALE YN AHLA

Page 1 of 2

Client:

National Guard Bureau

Job Name:

Hagerstown Armory IFR

BPA #W912K6-04-A0002

Chain Of Custody:

129885

Address: 301-IH Old Bay Lane, Ann: NGB-AVN-SI, State Military Reservation Job Location:

Hagerstewn, MD

Date Analyzed:

9/30/2004

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Report Date:

Non-Responsiv

Attention:



Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | Client Sample Number | Analysis Type | Sa n iple Туре | Air Volame (L) | Area Wiped (ft ^r) | | ort ing imit | Final Res | ult | Comments |
|----------------------|-------------------------|---------------|---------------------------|-------------------|----------------------------------|--------|------------------------|-----------|--------------------|----------|
| 0470569 | Hay-092204-001 | Furnase | Wipe | *48:8 | 0.111 | 2.78 | ug/ff | 9.4 | ug/ff° | |
| 0470570 | Hay-092204-002 | Fornace | Wipe | Not Bolt | 0.111 | 33.75 | ug/fi ^e | 150 | ug/ft² | |
| 0470571 | Hzy-092204-003 | Furnace | Wipe | ### ## | 9.111 | 2.70 | ug/ff* | 7.2 | ug/ft² | |
| 0470572 | Hay-092204-004 | Furnace | Wipe | *** | 0.111 | 2.70 | agg/ft ² | 9.3 | ug/R² | |
| 0470573 | Hay-092204-005 | Flame | Wipe | 6 400 B | 0.111 | 108.01 | ug/ft² | 3800 | ngfit* | |
| 0470574 | Hay-092204-006 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 12 | ng/ft² | |
| 0470575 | Hay-092204-007 | Femace | Wipe | #0×4 | 0.111 | 2.70 | ug/ft² | 13 | ug/fl² | |
| 0470576 | Hay-092204-008 | Furnace | Wipe | ***** | 0.111 | 67.51 | ug/ff² | 180 | ug/ft² | |
| 0470577 | Hay-092204-009 | Furnace | Wipe | 908 80 R | 0.111 | 13.50 | ug/ft² | 60 | ug/fl ^z | |
| 0470578 | Hay-992204-010 | Flame | Wipe | жерж | 0.111 | 108.01 | ug/ft² | 1100 | ug/ft² | |
| 0470579 | Hay-092204-011 | Fumace | Wipe | \$19 19 W | 0.111 | 13.50 | ug/ft² | 62 | ug/ft² | |
| 0470580 | Hay-092204-012 | Furnace | Wipe | **** | 0.111 | 13.50 | ng/ft² | 93 | ng/ft² | |
| 0470581 | Hay-092204-013 | Flame | Wipe | **** | 0.111 | 108.01 | 12g/ft² | 2190 | ng/ft² | |
| 0470582 | Hay-092204-014 | Flame | Wipe | *** | 0.111 | 108.01 | ug/ft² | 5800 | ug/M² | |
| 0470583 | Hay-092204-015 | Flame | Wipe | . 1074 | 0.111 | 108.01 | n8/tts | 1200 | ng/ft² | |
| 0470584 | Hay-092204-016 | Furnace | Wipe | 416 416 | 0.111 | 2.70 | ug/ft² | 11 | ug/ft² | |
| 0470585 | Hay-092204-017 | Furnace | Wipe | *** | 0.111 | 13.50 | ug/ft² | 56 | ug/ft ^a | |
| 0470586 | Hay-092204-018 | Flame | Wipe | 3:00× | 0.111 | 10.801 | ug/ft² | 430 | og/fi² | |
| 0470587 | Hay-092204-019 | Fumace | Wipe | *** | 0.111 | 13.50 | ug/ft² | 43 | ugfitz | |
| 0470588 | Hay-092204-020 | Furnace | Wipe | -04-40 | 0.111 | 13.50 | ug/ft² | 37 | ug/fit² | |

is report applies only to the sample, or sample, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, is report is submitted and accepted for the exclusive use of the effect to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization, an as. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them, and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and hilly for the accuracy and completeness of this information. Residual sample material will be discarded in accurdance with the appropriate regulatory guidelines, notes otherwise requested by the effect. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission effection microscopy of AHERA air samples. This report must not be used to claim, and does not imply product extilication, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

2004 1:4174

. 1, 2004



No.3722

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Chent:

National Guard Rureau

Job Name:

Hagerstown Armory IFR

Chain Of Custody:

129885

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation

Jeb Location:

Hagerstown, MD

Date Analyzed:

9/30/2004

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Attention:



BPA #W912K6-04-A0002

Report Date:

01-Oct-04

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | Clicat Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ff?) | - | orting imit | Final Res | wit | Comments |
|----------------------|--|---------------|-------------|-------------------|---------------------|------|----------------|-----------|-----|----------|
| 0470589 | Hay-092204-021 | Funnace | Wipe Blank | **** | N/A | 0.30 | Ug | 0.45 | ug | |
| 0470590 | Hzy-092204-022 r Flame: Air Wines P | Furnace | Wipe Blank | **** | N/A | 0.30 | ug | 0.57 | ug | |

for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-31118

Analysis Method For Furnace: Air, Wipes, Paints, and Soit/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug ≃ micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.



Technical Manager:



..... its report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, is report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization m as. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and bibly for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Page 2

| į:. . | | | | Page 2 |
|--------------|-------------------------|---------------------------------------|---------------------------------------|---|
| | | BULK SAME | LE DATA | |
| | Lab U Sample Ont No. | Constituents | Results | 0 |
| | 60 Ce | | | Remarks |
| | to 7 | <u> </u> | - | Wall above ender |
| 1 | 603 | | - | 70 10 11 |
| Ì | CCA | | | ,, ,, ,, |
| ı | 010 | · · · · · · · · · · · · · · · · · · · | <u> </u> | 11 " h |
| f | ા લા | | | Top of 81 mm Amo (an) Top of Como nething in Cong Shell in trasfer Plack wall of 5' about floor Floor 5' from well |
| ŀ | 012 | | <u> </u> | in tage |
| ŀ | 34: | · · · · · · · · · · · · · · · · · · · | <u> </u> | Shell in traster |
| t | 014 | <u> </u> | <u> </u> | alove flows |
| ŀ | 015 | | | How 5 from well |
| F | | | | Block wall below Her Heater |
| 1 | | | <u> </u> | Walf |
| | <u>017</u> | | <u></u> | flow below lock # |
| H | 018 | | | Top of file cab |
| \vdash | 019 | | | flow in Hol supply screen (by) |
| r | 020 | | | Confuter screen (top) |
| \vdash | 021 | | _ | Blank |
| ┢╴ | 022 | · · · · · · · · · · · · · · · · · · · | | Blank |
| }- | | | | |
| <u> </u> - | | | | |
| | | <u>-</u> | | |
| 4 | | | | |
| | | | | |
| L | | | | |
| | | | F. | |
| | | | · · · · · · · · · · · · · · · · · · · | |
| | | | · | |
| _ | | | | |
| | 130 | | | |

| 9613905 | فالمستقدين أمراه أواعا | ويوجونني فيتبالا | ويونيون مستجد مستحد والمستحد والمستحد | | - | | - garana | And the latter was the same of the latter of |
|---------------------------|------------------------|------------------|--|---------------|----------|---------------------------------------|---|--|
| | | | BULK SAMP | LE D | ATA | | | |
| | | | rm see USAERA TG | | | onent is H | SHB-LO | ο. |
| Return dari | ess (comp | lete addr | ess including Zip BAY LANE, Alln: NGI | Code) | | Point of | Contac | t (name/AUTOVON) |
| Stak Milliary | Reservation | in . Have | e De Grace MD 2 | 3-AVN 2078 |) " S.L. | Non-l | Kesi 9114 | oonsive - 0273 Ext 18 |
| Sampled mat | allation | | Project Nur | | | ARLO | | - OZ13 EN 10 |
| Hiyers are Samples Col | n. Arm. | 7.49 | | | | | | |
| Samples Col | lected By | , | Date Collec | ted | | Date | Shipp | ed |
| | Biddle | | 22 500 | OH | | | | |
| Description o | f Operation | n | · | • | - | Loca | tion | (BLDG/AREA) |
| Associated C | Compleiate | the en en | *** - 1 | | | Hay | er i fo |) <u>. </u> |
| 4 | | | 1110) | <u> </u> | | " | | • |
| Associated / | _ | 8 | II yes, lis | t samp | le nun | nbers | | |
| | | | Label Infor | nation | | | | |
| Trade Name | | | NSN | | Manı | lacturer | | - |
| Address | | | | | MSD | S Attache | d | |
| | | | | | | Yes | (| ☐ No |
| Analysis Des | irod Leac | L Wip | es - Furnac | e m | e Hoo | d | | |
| Lab Use Sar Only N | mpie o. | Gon | stituents | | Resul | ts | | Remarks |
| ## TE | 102580 | | | | | | | iblock wall in |
| α | >1 | | | ļ | | | 64 | 1/25-5 1/25-5 |
| D C | 2 | | | | | | FNO | 18 125 2 5 |
| · · · | 3 | | | | | | Cind | er block wall 5' from floor |
| j cr | 94 | | | | | | | erblock wall |
| oo | 5 | | | | | | Flow | NOC IN NOC |
| Commenta to | Lab | | | | , | (Co | | d on other side) |
| | | | Lab Use (| Only | | | | |
| Analyst (initia | nis) | Review | | | Date | Recaive | d | Date Reported |
| Procedures Pe | orformed | | Comments: | | | · · · · · · · · · · · · · · · · · · · | *************************************** | |

| | | | BULK SAMPI | LE D | ATA | | | | | | |
|----------------------|------------------------|------------------|--|--------------|----------|----------------|---|--|--|--|--|
| | For t | ise of this form | see USAERA TG | 141: th | e propon | ent is HSHB-L | o. | | | | |
| warwnat | Guard Bureau | , 301 III OLD BI | is including Zip (NY LANE, AHN; NGB De Grace MD 2 | - Alla | | Non-Resp | ot (name/AUTOVON) OONSIVE - 0273 Exr 18 | | | | |
| Sample | i installation | | Project Num | | | ARLOC_ | -0213 271 10 | | | | |
| Hayari | town Arm | 100 | | | <u>-</u> | | | | | | |
| Ognithio. | a Conscied by | , , | Date Collect | ed | | Date Ship | ped | | | | |
| | e & Biddl | | 22 50 | 04 | | | | | | | |
| 100 | non or operat | 11011 | | | | 1 . | (BLDG/AREA) | | | | |
| Associa | ted Complaint | s (be specifi | c) | · | | Hayerst | مر من و | | | | |
| | - | - 1p | -, | | | | • | | | | |
| Associa Y e | ted Air Samp s X No | les | lf yeş, list | samp | ie numi | Ders | | | | | |
| Toods N | | | Label Inform | ation | | | | | | | |
| Trade N | ame | | NSN | Manufacturer | | | | | | | |
| Address | | | | | MSDS | Attached | | | | | |
| | | | | | (| Yes | □ No | | | | |
| Analysis | Desired Lea | ad Wipes | s - Furnace | z m | ethod | (| | | | | |
| Lab Use Only | Sample No. | Const | ituents | | Results | | Remarks | | | | |
| | HPG-092204 | | | | | Cinde | sblock wall in | | | | |
| | 001 | | | | | | 41 125-5 | | | | |
| | 002 | | | | | Floor | 14 125-5 | | | | |
| a. | 003 | <u>.</u> | | | | Cina 1 | ler block wall 5' floor floor | | | | |
| | 004 | | | | | Cind | Verblock wall | | | | |
| 005 Floor in 10 Caye | | | | | | | | | | | |
| Comment | s to Lab | | | - | | | ed on other side) | | | | |
| - | | | Lab Use O | nly | | | | | | | |
| Analyst | initials) | Reviewed | By (initials) | | Date | Received | Date Reported | | | | |
| Procedur | es Performed | Co | mments: | | | | | | | | |
| | Posted to NGB FOIA | Reading Room | BEST AVAIL | ABLE CO | OPY | FOIA Requested | d Record #J-15-0085 (MD) | | | | |

| Lab Use Only | Sample No. | Constituents | Hesults | Remarka |
|-----------------|---------------|--------------|--------------|--|
| | 60le | | | Will about cages |
| | 607 | | | 11 11 11 |
| | va3 | | | 11 1. 11 |
| | _009 | | | a n h |
| | 010 | | | Top of Bl mon Amo |
| | લા | | <u> </u> | Top of Como netto |
| | 012 | | | Top of Como netton |
| | 013 | | <u> </u> | Plack well & 5' |
| | 014 | | | Floor 5' From wall |
| | OI 5 | | | Block wall balow Hep Heater |
| | Óle | | | |
| | 017 | | | Floor below lock # |
| | 013 | | | Top of file cab. |
| | 019 | | | Flore in His |
| | 020 | | · | Computer Screen (top) |
| | 621 | | | |
| | 022 | | · | Blank. |
| | | | - | - Bkink |
| | | | | |
| | | | , <u> </u> | |
| | | · | | |
| | | | | <u> </u> |
| | | | | |
| | | | | |
| | | | <u></u> | |
| | | | · | |

NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Havre de Grace Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Havre de Grace Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

13 April 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: LaPlata Readiness Center Indoor Firing Range

- 1. An email dated 13 April 2007 from the CFMO stated that the La Plata Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. on-Responsive at (410) 942-0273 x23.



May, 2018

From: CIV NGB

Friday, April 13, 2007 4:33 PM Sent:

Subject: FW: La Plata Readiness Center IFR Lead Abatement, 14 West Hawthorne Drive, La Plata, MD 20646-9801

Please put on the server.

To:

<mark>Non-Responsive</mark> พระ หะgional moustrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23

FAX 410-942-0254

NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From: Non-Responsive LTC (RET) MDARNG

Sent: Friday, April 13, 2007 3:54 PM

To:Non-Responsive CIV NGB; Non-R CIV NGB; CPT (RET) MDARNG:

CIV NGB CIV MDARNG: LTC MDARNG

Subject: La Plata Readiness Center IFR Lead Abatement, 14 West Hawthorne Drive, La Plata, MD 20646-9801

Pursuant to the project specification, the above referenced project has been completed. The contractor:

BARCO Enterprises, Incorporated

11200 Pulaski Highway

White Marsh, MD 21162-0074

AttnNon-Responsive 410-335-0660

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

V/r Responsi

PS: THIS IS THE LAST ONE!



A Specialized Environmental Laboratory

BEST AVAILABLE COPY

CERTIFICATE OF ANALYSIS







Client:

National Guard Bureau

State Military Reservation

Job Name:

La Plata Clear I

Chain Of Custody:

Person Submitting:

159357

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

La Plata IFR

Date Submitted:

2/20/2007

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Date Analyzed:

2/20/2007

21-Feb-07

Report Date:

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft²) | Reporting Limit | • | Final Res | sult | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|---------------------------|---|-----------|--------|--|
| 0731721 | 20070214LAP101 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | THE RESERVE THE PROPERTY OF TH |
| 0731722 | 20070214LAP102 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731723 | 20070214LAP103 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | _ 110 | ug/ft² | |
| 0731724 | 20070214LAP104 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731725 | 20070214LAP105 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731726 | 20070214LAP106 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731727 | 20070214LAP107 | Flame | Wipe | 市市市市 | 0.111 | 108.01 ug/ft ² | < | 110 | ug/ft² | |
| 0731728 | 20070214LAP108 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731729 | 20070214LAP109 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731730 | 20070214LAP110 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731731 | 20070214LAP111 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731732 | 20070214LAP112 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731733 | 20070214LAP113 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731734 | 20070214LAP114 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | | 110 | ug/ft² | |
| 0731735 | 20070214LAP115 | Flame | Wipe | 物物溶液 | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731736 | 20070214LAP116 | Flame | Wipe | 班神鄉鄉 | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731737 | 20070214LAP117 | Flame | Wipe | 推准排料 | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731738 | 20070214LAP118 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731739 | 20070214LAP119 | Flame | Wipe | *** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |
| 0731740 | 20070214LAP120 | Flame | Wipe | **** | 0.111 | 108.01 ug/ft² | < | 110 | ug/ft² | |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

BEST AVAILABLE COPY

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

La Plata Clear I

Chain Of Custody:

159357

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

La Plata IFR

Date Submitted:

2/20/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting: Date Analyzed:

associated with these samples.

2/20/2007

21-Feb-07

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft²) | | orting imit | I | Final Re | sult | Comments |
|----------------------|----------------------------------|---------------------|--------------------------|-------------------|---------------------|----------------|----------------|-------------|-----------|----------------|----------------|
| 0721741 | 200702141 AD121 | Plants | Wise Diesk | *** | N/A | | | | | | |
| 0731741 0731742 | 20070214LAP121 20070214LAP122 | Flame Flame | Wipe Blank Wipe Blank | **** | N/A | 12.00 12.00 | ug ug | < | 12 | ug ug | |
| 0731743 | 20070214LAP123 | Flame | Paint Chip | **** | N/A | 0.01 | %Pb | | . 0.1 | %Pb | |
| Analysis Method f | or Flame: Air, Wipes, F | Paints, and Soil/So | lids: EPA 600/R-93/ | 200(M)-7420; Wate | er; SM-3111B | See QC | Summary fo | or analytic | al result | s of quality o | ontrol samples |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight ug = micrograms

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.





QC Summary

Sample Delivery Group: 14399

Analysis Type; Sample Type:

Plame Wipe

Analysis Date:

2/20/2007

Result

Percent

Comment

0.3333

ppm

Recovery

Acceptable

Report Limit Verification Sample

0.3897 ppm

116.9%

Acceptable

Expected Spike Level (ppm)

#Num!

-0.091

ing/Kg

Duplicate Sample 2

Duplicate Sample 1

Preparation Blank

#Num!

mg/Kg

#Error

#Plage

Matrix Spike Analysis

Spiked Sample

91.05%

RPD

Acceptable

Acceptable

Spike Duplicate Laboratory Control Sample 1 Laboratory Control Sample 2

277 QE | 260 850

μg

92.91% 94.45%

1.64%

Acceptable Acceptable

Calibration Information

Correlation of Calibration Curve:

0.999783

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chala Of Custody AMA Sample Number Client Sample Number 20070214LAP101 159357 31721

159357

SDG Number:

31722

20070214LAP102

Page Lof 2

14399

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|--------------------------|
| 159357 | 31723 | 20070214LAP103 |
| 159357 | 31724 | 20070214[.AP103 |
| 159357 | 31725 | 20070214LAP105 |
| 159357 | 31726 | 20070214LAP106 |
| 159357 | 31727 | 20070314LAP107 |
| 159357 | 31728 | 20070234LAP108 |
| 159357 | 31729 | 20070214LAP109 |
| 159357 | 31730 | 20070214EAP110 |
| 159357 | 31731 | 200702146 APT11 |
| 159357 | 31732 | 20070234EAP112 |
| 159357 | 31733 | 20070214LAP113 |
| 159357 | 31734 | 20070234EAP114 |
| 159357 | 31735 | 20070214LAP115 |
| 159357 | 31736 | 20070214EAP116 |
| 159357 | 31737 | 200702141.AP117 |
| 159357 | 31738 | 200/702141.APT18 |
| 159357 | 31739 | 20 0702141 .APT19 |
| 159357 | 31740 | 20070214LAP120 |
| | | |

SDG Number: 19399 Page 2 of 2





QC Summary

Sample Delivery Group: 14400

Analysis Typo: F[anic Sample Type: Wipe

Analysis Date: 2/20/2007

| | remaryan | , ., ,,, | 112012001 | | |
|-----------------------------------|----------|----------|---------------------|--------|------------|
| | Re | esult | Percent Recovery | RPD | Comment |
| Propagation Ulank | 0.008 | թրու | | | Acceptable |
| Report Limit Verification Sample | 0.3192 | ppm | 95.8% | | Acceptable |
| Hapcoted Spike Level (ppm) 0.3333 | | | | | |
| Duplicate Sample t | #Num! | mg/Kg | | | |
| Duplicate Sample 2 | #Num! | mg/Kg | | 8Ercor | #Error |
| Matrix Spike Analysia | | | | | |
| Spiked Sampto | | | 90.74% | | Acceptable |
| Spike Duplicate | | | | | Acceptable |
| Laboratory Control Sample 1 | 267,451 | μв | 92.61% | | Acceptable |
| Laboratory Control Sample 2 | 283 612 | 110 | 93.45% | 0.90% | Acceptable |

Calibration Information

Correlation of Calibration Curve: 0,999783

All calibration verification samples are within acceptance limits.

Notes:

| Samples included in | llds Sample Delivery | (Group (SDG) |
|---------------------|----------------------|--------------|
|---------------------|----------------------|--------------|

| Chain Of Custo | ady AM | IA Sample Number | Client Sample Number |
|----------------|--------|------------------|----------------------|
| 159357 | | 31741 | 200702141.AP121 |
| 159357 | | 31742 | 20070214EAP122 |
| SDG Number: | 14400 | | |

Page Lof 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159359 | 31764 | 20070214PRF101 |
| 159359 | 31745 | 20070214PRF402 |
| 159359 | 34746 | 20070214PRF103 |
| 159359 | 31747 | 20070214PRF104 |
| 159359 | 31748 | 20070214PRF105 |

SDG Number: 149C0 Page 2 of 2



Preparation Blank

AMA Analytical Services, Inc.



QC Summary

Sample Delivery Group: 14401

Analysis Type; Flame Sample Type: Paint Chip. Analysis Dato: 2/21/2007 Result Percent RPD Comment Recovery -0.008Acceptable 0.3406 102.2% ррпі 4379 mg/Kg 5251 18.11% mg/Kg

Report Limit Verification Sample Acceptable Dapocied Spike Level (ppm) 0.3333 Duplicate Sample 1 Duplicate Sample 2 Acceptable Matrix Spike Analysis Spiked Sample 75.53% Acceptable 83.47% Spike Duplicate 9.99% Acceptable 92.05% Luboratory Control Sample 1 Acceptable 313,865 μB 91.38% Laboratory Control Sample 2 0.73% Acceptable 386,295 μв

Calibration Information

Correlation of Calibration Curve: 0.999589

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

 Chain Of Custody
 AMA Sample Number
 Client Sample Number

 145278
 31594
 7047JW312E-C

 159357
 31743
 20070214LAP123

SDG Number: 14401

Page 1 of 2

Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 163749 | 3 188 8 | 022007513 |
| 163749 | 31889 | 022007/14 |
| 163749 | 31890 | 022007/15 |
| 163749 | 31891 | 022007/16 |
| 163749 | 31892 | 022007117 |
| 163749 | 31893 | 022007J18 |

SDG Number: 14401 Page 2 of 2



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

159357

CHAIN OF CUSTODY

| Mailing/Billing Inform | iling/Billing Information: Client Name: NGB Reaso North 1H | | | | | | | | | Submittal Information: 1. Job Name: La Plata Clear T | | | | | | | | | |
|---|--|---|-----------------------|--------------------|------------------------|-----------------------|---|-------------|--|---|------------------------|-------------------------|---|--------------|-------------------------|--------------------|---|--|--|
| 1. Client Name: No. | 515 Kenion 1001 | <u> </u> | <u> </u> | | | 1 | . Joi | Nam | e: | -4 7 | 0. | 7 , | 1641 | | | | | | |
| 2. Address 1: 301 | - IH OLD SAY | <u> </u> | ۸د | | | | . Jol | Loca | tion:_ | 40 | ₹ . | - | 111 | <u> </u> | | | | | |
| 3. Address 2: Have | a de france | 70 | 210 | 78 | | 3 | . Joł | o#: | | | | | | | P.O | . #: | | - | |
| 4. Address 3: | 840 42 | | | Ø | | 4 | . Co | ntact l | Person | : NO | n-ŀ | kesp | ons | ive_ | | @ phon | e# <u>410 942</u> n-Responsive | 0273 | |
| 5. Phone #: | | | | 942 | | 5. | . Su | bmitte | d by:_ | engestierteleusen | errecentus | one and a supplementary | (so ² recognition | NO HOPE TOWN | S | ignature:No | n-Responsive | Accessorated to the property of the second | |
| Please include COC/fi | ield data sheets with re | sults | Repor | ting Infor | mation (| Results v | vill b | e prov | ided a | is soot | as i | echnic | ally fo | easibl | e): | | | | |
| Date & Time Results Re Verbals: | quirea:/ | (| y | | ma. ⋈2 | 4nr ∐48 | or | /2hr | ഥാഥ | ay + L |]lm: | nd. Alt | er-Ho | urs" [| _]24h | r Atter-Hours* L | _Late-Night* (*must be | pre-scheduled) | |
| | @ cell # | en i en en en en en en en en en en en en en | enione de la compania | | | and the second second | 4911 (0.000 (0.000) 4944 (4944 (1.000) | _ @ f | ax# | | 169012[5] 42,00000, | | | | | | | | |
| Asbestos Analysis <u>PCM Air</u> – Please Indicate I | Filter Type: | | | TEM Bu □ E | | 4/Chatfield | · I | | (OT | Y) | | | I | Lead A E | Paint (| Chip | _(OTY) | | |
| PC MCE Porosity | | | | □ N | Y State P | LM/TEM_ | | | _(QTY | ົ່ | | | | (24) | Dust V | Vipe (wipe type | <u> 22) 22 </u> | _(QTY) | |
| ☐ NIOSH 7400 ☐ Fiberglass | (Q11) (OTY) | | | TEM Du | | sh | | _(QTY |) | | | | | ū | Air | Olid(QTY |) (OTTO | | |
| TEM Air - Please Indicate I | Filter Type: | | | □ Q | ual. (pres/ | /abs) Vacu | ım/Du | ıst | | (Q7 | ΓY) | | | ä | TCLP. | (Q | TY) | | |
| PC MCE Porosity □ AHERA | in a 25mm 37mm (OTY) | | | ΠQ | uan. (s/ar | ea) Vacuun | n D57 | 55-95 . | | | (QT) | r) | | | Drinki | ng Water | (QTY) | | |
| ☐ NIOSH 7402 | (QTY) | | | U Q TEM Wa | - | ea)Dust De | 480-9 | 9 | | (QT | Y) | | | | | Water | (QTY) e type)) | (QTY) | |
| Other (specifyPLM Bulk |)) | (QTY) | | ПQ | ual. (pres/ | /abs) | | (Q? | TY) | | | | | _ | Dust v | vipe rutilace (wip | e type | (Q11) | |
| ☐ EPA 600 – Visual Es | stimate(Q | TY) | | ΠE | LAP 198. | 2/EPA 100. | 2 | | (Q | TY) | | | ľ | Mold - | Direct | Microscopic Am | alysis_ | | |
| ☐ EPA Point Count | (OTY) | | | | | | | | | | | | - | ü | Spore- | Trap(QT) | (QTY) Surface Vacuum Du |) (OTY) | |
| ☐ NY State Friable 19 ☐ Grav. Reduction EL | 8.1(QTY) AP 198.6(| OTY) | | | | received i | | | tion un | less oth | nerwi | se noted | | | | | TY) Other (Specify | | |
| ☐ Other (specify |)) | (QTY) | | | | amples | | | | | | | | | | , | | | |
| CLIENT ID | SAMPLE INFORMAT SAMPLE LOCATION/ | ION | VOLUME | WIPE AREA | 1 = 1 | ANALY | SIS a | 13 | 1 | 13 | 15 | MATRI | EX 1/#4 | 1 80 | 18 | 1 | CLIENT CONTACT | | |
| NUMBER | IDENTIFICATION | | (LITERS) | AREA | | 2/2 | | / 8 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | / 2 2 | | 1 2 2 8 | \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \ | / <u>\$</u> | SWAB | (L/ | ABORATORY STAFF ONL | <u>Y)</u> | |
| 26070214LAPIGI | Floor | 2 20 | 2 | 4"44" | | | \times | | | | × | | | | | Date/Time: | Contact: | By: | |
| | Floor | 1 | | ſ | | | 0.00 | | | | No. | | | | | | | | |
| 03 | Floor | | | | | | | | | | | | | | | | | | |
| | Floor | Const. | | | | | TG-base | | | | | | | | | | , | | |
| 65 | Wall, Trap | | | | | | | | | | | | | | | Date/Time: | Contact: | By: | |
| 56 | Wall | į | | | | | - DCAST-di | | | | 2 | | | | | | | | |
| 67 | W=(I | | | | | | and a | | | | | | | | | | | | |
| 08 | Wall Less | | | | | | CO. | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| 09 | HALI | | | | | | | | | | | | | | | Date/Time: | Contact: | By: | |
| 10 | اايملها | | | | | | | | T | 1 | | | | | | | | 27. | |
| 1/1 | Wall Right | | | | | | | | | | Į į | | | | | | THE TAXABLE PARTY OF THE PARTY | | |
| | Wall | 1 | | 1 | | | | | | | | | | | | | V-1-1 | | |
| 200702141 APT 13 | Wall | W | 3 6 6 6 6 6 6 | W | | \$12 2.33 5 | Ŵ | : Attors | onig: | | V | i dentir. | | 52,530 | 74 V S | | | | |
| LABORATORY STA | The state of the first contract of the state of the contract of the state of the st | | | | | | | | | | | | | | | | | | |
| 1. Date/Time | | | | <u> </u> | Via: | | | By (Pri | at): | | | | | | | Sign: | | | |
| 2. Date/Tim | | | / | _@ | By (Pr | int): | | | | | | | Sign | | | | | | |
| 3 Results R | enorted To | | | | | Via: | | | _Date | | | / | 1 | | Tir | ne: | Initials: | | |
| Posted to NGB | FOIA Reading Room | | | | | BEST | AVAI | LABLI | COP | Y | | | | | | FOIA Requeste | ed Record #J-15-0085 (MI | | |
| iviay, 2018 | | Marria de M | | utot e a la estate | 600000 0000 | | 232 | 1.707.41.11 | Programa (Constant | 12 (144) (1) | skilder. | torus stop | i di carre | | VII - 1 - 1 - 1 - 1 - 1 | Keleased | by National Guard Bures Page 323 of 526 | | |



AMR Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

159357

| Mailing/Billing Informa | ation: | | | | | | ubmit | tal Int | forma | tion: | , | ۰. | . | | | | | |
|---|--|--|-------------|--|-------------------------------------|--|------------------|-------------------|-----------------|---------------------------|---------------|--|---|--|-------------------------|---|---------------------------------------|----------------------------|
| 1. Client Name: NG | | | | | | 1. | Job | Name | : <u> </u> | <u>-a 11</u> | 47 | <u>. Ci</u> | 561 | | = | | | |
| 2. Address I: 301 | | | | | | | | | | | | 12 | | | | | | |
| | a de Grace | HD. | 210 | 7.82 | | 3. | . Job | #: | | Nor | -R | espo | neiv | <u> </u> | _ P.O. | #: | 1114 0117 | |
| 4. Address 3: | A . 1 | | | | | | | | | | 1-100 | sapc | IISIN | _ | | @ phone #_ | 410 942 | 0273 |
| 5. Phone #: 410 | 942 0273 | Fax #: | 410 | 942 | <u>025</u> | 4 _5 | . Sut | mitte | d by: | diversors | Sheri Vila | and the state of t | 12 W.2 | 10 mm and | S: | ignature:Non-F | responsive | C244 (x20 2028), 444-(244) |
| ☐ Please include COC/fi Date & Time Results Re | eld data sheets with res | sults @ | Report | i ng Inform ∏Imr | nation nd. 🔀 | i (Results v 24br: □48 | vill be hr [] | provi 72hr [| ided a ∐5 Di | s so on sy.+ [] | as te]Imm | chnic id: Afti | щу te :r Ноі | asible irs* [| :):]24hr | After-Hours* □La | te-Night* (*must be | pre-scheduled) |
| □ Verbals: | @.cell # | | 20 A SE | J Fax Cop | ý., | | 0.30 | @ fa | ıх# | | | | | Ľ, | Email | Сору | @ | |
| Asbestos Analysis | | | | TEM Bull | 2 | | | | | | | | L | ead A | nalysis | , | | |
| PCM Air - Please Indicate PC MCE Porosity NIOSH 7400 Fiberglass TEM Air - Please Indicate PC MCE Porosity | in a 25mm 37mm (QTY) (QTY) Filter Type: | | | □ N° □ Re TEM Dus □ Qu | Y State sidual I Ial. (pro | 8.4/Chatfield PLM/TEM_ Ash es/abs) Vacuum area) Vacuum | ım/Du | (QTY) | (QTY |) (QI | | . | | X 10000 | Air Soil/So TCLP_ | Chip (QTY) Fipe (wipe type Choo (QTY)) Find (QTY) Find (QTY) Find (QTY) |) <u>22</u> Y) | _(QTY) |
| ☐ AHERA ☐ NIOSH 7402 ☐ Other (specify | (QTY) (QTY) | .(QTY) | | ☐ Qu TEM Wat | an. (s/: er | area)Dust De | 5480-9 | 9 | | _(QT | | , | | Ü. | Waste ' | Water((Vipe Furnace (wipe type | QTY) | (QTY) |
| PLM Bulk EPA 600 – Visual Es EPA Point Count NY State Friable 19 Grav. Reduction EL | (QTY) 8.1(QTY) | | | O EI O EI O AI | AP 19 A 100. | 8.2/EPA 100 1les received : r samples | .2(Q | (TY) | (Q' | | nerwis | e noted | | 0.0 | Spore- Surfac | : Microscopic Analysis Trap(QTY) e Swab(QTY) e Tape(QTY) | ☐ Bulk (QTY ☐ Surface Vacuum Du | Y) ust(QTY) (QTY) |
| Other (specify | | (QTY) ION | VOLUME | <u></u> | / 5 | ANALY | SIS | | 1 | 13 | , £ | MATRI | | J 82 | / A/B | CI | LIENT CONTACT | |
| NUMBER | IDENTIFICATION | | (LITERS) | AREA | | | /gg | MOLD | 1 3 | BULK | \ <u>\$</u> | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | / <u>Š</u> ž | TAPE | SWAB | (LABO | RATORY STAFF ONI | LY) |
| 20070214LAPI 14 | Well Read | 2/20 | | 14 ×4" | 2004 | | × | | | | \simeq | 7 300 | | 孫等 | | Date/Time: | Contact: | By: |
| | wall | | | 1 | | | | İ | | ļ | | | | | | | | |
| 16 | Wall | | | 是激激流 | 海岛 流 有限 | 10.00 | | 14075 V | | | 製品 | | | | | | | |
| רו | Wall Alcove | | | | | | | | | | | | | | | | | |
| 18 | Wall | | | | | | | | 影响 | | | | | | PE. | Date/Time: | Contact: | By: |
| 19 | Floor Dill | | | 1 | | | | | | | | | | | | | | |
| 20 | Floor | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | 100 C | V | 拉紧 | | | 10 A 10 E | 120% | 25 Sec. | 47 | | 25.6 | 表示 | 4.24 | | - | |
| ŽĮ. | BLANK | | | NA | Ī | | | | Ι. | | | , | | | | | | |
| 22 | BLANK | | | | 12.18 | | | | | 21.5 | V | -200 | | JUZ. | | Date/Time: | Contact: | Ву: |
| 20070214 LAP123 | Paint Chios | | | V | | 1 | W | | 1 | \sim | <u> </u> | - | | | | | | |
| | യ പ്രപ് | | | un Selegian selec Alcoolers selected | 3000 to | | | | 10000 10000 | | | | | | | | | |
| | | | | | 2247.5 258.5 | | | 1253 | 1.000 | | | | Tenana Tenana | No y | 14.0 | | | |
| | FF ONLY: (CUSTOD | | | | 314.72 | | | | | | | | | | | | GRANTE HEAV | |
| 1, Date/Tim | ie RCVD:/ | <u> </u> | | <u> </u> | /ia: | | dre (Ság | Вупт | nt) | | | TOTAL STATE | | TR 1 | eranya Japana | ign: | arana arking nana Kabupatèn na mar | |
| 2. Date/Tim | ie Analyzed:/ | | X.,; X. | @ | Ву | Print): | | | 257H64 | çn ki | | 20 12-2011 20 12-2011 20 13-2011 | Sign | | (\$1677.) | | | |
| 3. Results R | Reported To: | | | | | Via: | THE STATE | | _Date | KINI | | (1945) (21-72) | _: / <u>_</u> | | Ti | mes | Initials | |
| Rosted to N | GB FOIA Reading Roon | n North | 180 - COSTO | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | | C 4 A 2 C C C | 1 100 Br. O.L. V. | LE CO | man and add at 1 his | | | gravitation Symmetrical Symmetrical | G/S | | FOIA Requested | Record #J-15-0085 | (MD) |
| May, 2018 | Machinery (1247) 11 (1242) 16 fd | a. 1. 11119 | | | W.D. 57255 | | VERKERCH. | The state of | | 4/ <i>5/22</i> (1 | arriche. | | 2012/17/57 | And the same of th | 38°,(22), 13 | Released t | y National Guard Bu Page 324 of | |

AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#1143) NY ELAP (10920)

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 130302

| ~ ~ // . / | ny National | Cuna | Ĵ | | | | | al Infor | | PI | ata | | | | | |
|--|--|--|---------------------|------------------------|-----------------------|---------------------|---|-------------------------------------|--|-----------------|--------------------------------|-------------|-----------------------|------------------------------------|-----------------------|--|
| 1. Client Name: HCL | TIY National | Guara | 2 | | | - | 1. Job | Name: Location | | 7 | $\frac{u_1u_2}{f}$ | 10 | <u> </u> | | | |
| 2. Address 1: 30 1- | TH Old B | ay warn | 010 | ~7 ~ | | | | | | | <u>ca</u> | | | #: | | |
| 3. Address 2: Have | | | | | | | | #: | | Resp | onsive | | P.O. | # | ne# <u>3016773698</u> | |
| 4. Address 3: | | | | | | | | tact Pers | | | | | | | | |
| 5. Phone #: | - The second second second second second second second second second second second second second second second | Fax #: | enempharing project | og meganet | the said of the said | en commence | 5. Sur Its will be | mitted by | | | kasan | - foodi | KIAN O | gnature | | entransus de la companya de la companya de la companya de la companya de la companya de la companya de la comp |
| | | | | T | ma 🗀 | 24br [| 748hr [7] | (2hr □15 | Day + | Timme | After- | Hours* | ∏24hr | After-Hours* | Late-Night* (*must be | ore-scheduled) |
| □ Verbals: | quirea// | | 746 | | Non | -Res | ponsive | @ fav # | 2016 | 777 | 132 | | 1 Email | Copy: | | |
| | CTCCIII | elaphytetty haddeniam (Vin) | | EM Bu | | | | 5.40.7 | and a second strength | eta di Normania | and the property of the second | Lead | Analysis | | | |
| Asbestos Analysis PCM Air - Please Indicate ! | Filter Type: | | | OE | LAP 19 | 8.4/Cha | rfield | ((| QTY) | | | Ţ | Paint C | hip | _(QTY) | |
| PC MCE Porosity | in a 25mm. 37mm | | | ŪΝ | Y State | PLM/T | EM | (Q' | TY) | | | Ç | Dust W | ipe (wipe type |)) | _(QTY) |
| ☐ NIOSH 7400 | (QTY) | | | | | Ash | | (QTY) | | | | Ĺ | _I Air | (QTY | () - (OTV) | |
| ☐ Fiberglass TEM Air - Please Indicate | | | T | EM Du | SI wal (pr | selahe) T | /acuum/Du | + | (0 | TY) | | | | (Q | | |
| PC MCE Porosity | | | | | uar. (pro uan. (s/ | area) Va | cuum D575 | 5-95 | (\ | (QTY) | | Ţ | i Drinkii | ng Water | (QTY) | |
| AHERA | | | | | uan. (s/ | area)Du | st D6480-9 |) | (Q' | TY) | | Ţ | ☐ Waste | Water | (QTY) | (OTTS) |
| ☐ NIOSH 7402 ☐ Other (specify | | _(QTY) | I | EM Wa | | | | (OWY D | | | | _> | Dust W | ipe Furnace (wip | pe type) | (Q11) |
| PLM Bulk | | | | L Q | ual. (pr | es/abs)_ | 100.2 | _(QTY) | (QTY) | | | Misc | ellaneous | s Analysis | | |
| ☐ EPA 600 - Visual E | | (YTY) | | | D4 100 | | | TX) | (211) | | | [| Radon, | ((| QTY) | |
| ☐ EPA Point Count ☐ NY State Friable | | | | | E | ا م | , | | | | | [| Other (| specify |)(QTY |) |
| Grav. Reduction EL | | (QTY) | C | NERG | < 'V' | 29 ! | cx ² | | | | | | | | | |
| Other (specify |) | _(QTY) | , | EPOR | | ران | | ere | | | 3.547 | TRIX | | | CLIENT CONTACT | |
| CLIENT ID | SAMPLE ANALYSIS | INFORMAT | VOLUME | | | | ANALY | 313 | | | IVE/X | I AUX | WATER AND OTHER | _ | | |
| NUMBER | SAMPLE LOCATION | DATE | (LITERS) | ARE | A T | EM P | CM PL1 | 1 LEAD | OTHER | AIR | BULK | WIPE | OTHER | | ABORATORY STAFF ONI | |
| LAP-092204 001 | | | | '4'' _* | | | | | | | 485870 | 274254 | alensation | Date/Time: | Contact: | By: |
| LAP-092204 002 | .1 | i | | 2 20 5 3 2 4 4 5 1 5 1 | nseriese stave | C1 301 242 21 14502 | real real real real real real real real | 900 (20075)(00) 1000 (20075)(00) | Degra Vrakas | MARKENO | 4004000000 | 10/060N4966 | Service Control | | | |
| | | made in the same of the Wilder March 1961 (46) | | | | | | | V 14 (2016) 14 (2016) 15 (| | | | | | | |
| LAP-092304 003 | Distribute de la constant de la companya de la compan | | | | | 969 | (F) (F) | | ang mater | | SECOND CO | 287 S | | | | |
| 1 Al -09220W 004 | 8 (20) 8 (20) 6 (4) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | | | | | | | | | ide () | | | | | | D |
| | 8 (20) 8 (20) 6 (4) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 | | | | | | | | | nineses | | 774 | | Date/Time: | Contact: | Ву: |
| LAP-092204 004 LAP-092204 005 LAP-092204 006 | | | | | | | | | | | | | | Date/Time: | Contact: | By: |
| LAP -09,2204 COM LAP -09,2204 COS | | | | | | | | | | in order | | 7750 | | Date/Time: | Contact: | By: |
| LAP-092204 004 LAP-092204 005 LAP-092204 000 LAP-092204 000 LAP-092204 008 | | | | | | | | | | | | | | | | |
| LAP-092204 004 LAP-092204 005 LAP-092204 000 LAP-092204 000 | | | | | | | | | | | | | | Date/Time: Date/Time: | Contact: | By: |
| LAP-092204 004 LAP-092204 005 LAP-092204 000 LAP-092204 000 LAP-092204 008 | | | | | | | | | | | | | | | | |
| LAR-092804 OOM LAR-092804 OOS LAR-092804 OOT LAR-092804 OOS LAR-092804 OOS LAR-092204 OOS | | | | | | | | | | | | | | | | |
| LAR-092804 OOM LAR-092804 OOM LAR-092804 OOM LAR-092804 OOB LAR-092204 OOB LAR-092204 OOB LAR-092204 OO | | | | | | | | | | | | | | | | |
| LAR-092804 OOM LAR-092804 OOM LAR-092804 OOM LAR-092804 OOB LAR-092204 OOB LAR-092204 OOB LAR-092204 OO | | | | | | | | | | | | | | | | |
| LAR-092804 OOM LAR-092804 OOS LAR-092804 OOS LAR-092804 OOS LAR-092204 OOS LAR-092204 OOO LAR-092204 OOO LAR-092204 OOL LAR-092204 OOL LAR-092204 OOL | | | | | | | | | | | | | | Date/Time: | | |
| LAP - 092204 OOM LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS LAP - 092204 OOS | | | @ | | Via: | | | By (Princ): | | | | | | | | |
| LAR-092304 OOM LAR-092304 OOM LAR-092304 OOM LAR-092304 OOM LAR-092204 OOM LAR-092204 OOD LAR-092204 OOL | AFF ONLY: (CUSTO | | @ | | Via: | (Print): | | | | | | Sign: | | Date/Time: | Contact: | By: |
| LAR - 092304 OOM LAR - 092304 OOM LAR - 092304 OOM LAR - 092304 OOM LAR - 092204 OOM LAR - 092204 OOL LAR - | AFF ONLY: (CUSTO) ne RCVD: ne Analyzed: Reported To: | | @ | | Via: | (Print): | <i>Г</i> іа: | |)ate: | | | | | Date/Time: Sign: | Contact: | By: |
| LAR - 092304 OOM LAR - 092304 OOM LAR - 092304 OOM LAR - 092304 OOM LAR - 092204 OOM LAR - 092204 OO LAR - 092204 OI LAR - 092 | AFF ONLY: (CUSTO ne RCVD: | | @ | | Via: | (Print): | | |)ate: | | | | | Date/Time: Sigm: me: FOIA Requeste | Contact: | By: |

AMA Analytical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

(Please Refer To This Number For Inquires)

130302

Page 326 of 5269

CHAIN OF CUSTODY

| www.amalab.com Mailing/Billing Information: 1. Job Name: | Plata |
|--|--|
| Transfer Ground | Plata MD |
| 2 Allow 1, 30 I - TH Old Pay Name | |
| 1 2/Ca do Grace M) 2/0 + X | esponsive P.O. # @ phone # 301677 3698 |
| | Signature: |
| 4. Address 3: 5. Submitted by: | |
| 5. Phone # | mmd After-Hours* 24hr After-Hours* 1 ate-Night* (*must be pre-scheduled) |
| Date & Time Results Required | 7 7/32 DEmail Copy@ |
| Fax # | Lead Analysis |
| Asbestos Analysis TEM Bulk DELAP 198.4/Chatfield (QTY) | Paint Chip\\\\^\^\ |
| DCM Air - Please Indicate Filter Type: | Unist wipe (wipe type |
| PC MCE Porosity in a 25mm 37mm INY State PLM/TEM (QTY) NIOSH 7400 (QTY) QTY | ☐ Air(QTY) ☐ Soil/Solid(QTY) |
| D Einerglass (OTY) TEM Dust | COMPA |
| TEM Air - Please Indicate Filter Type: | JII) |
| PC MCE Porosity in a 25mm 37mm | Waste Water (QTY) Sust Wipe Furnace (wipe type (QTY) |
| □ NIOSH 7402 (QTY) TEM Water | This wife runace (wife spr |
| Other (specify Q11) Qual. (pres/abs) Q11) | Miscellaneous Analysis |
| PLM Bulk □ EPA 600 - Visual Estimate (QTY) □ EPA 100.1 (QTY) | Radon(QTY) |
| | Other (specify)(Q11) |
| DEPA Point Count (QTY) NY State Friable (QTY) Grav. Reduction ELAP 198.1 (QTY) | |
| OTY | MATRIX WATER CLIENT CONTACT |
| SAMPLE ANALYSIS INFORMATION WIPE | AIR BULK WIPE OTHER (LABORATORY STAFF ONLY) |
| CLIENT ID CATTON DATE (LITERS) AREA TEM PLM CENTERS | Date/Time: Contact: By: |
| NUMBER SAMPLE LOCATION LATE OF DESCRIPTION OF THE SAMPLE LOCATION O | |
| LAR - 092204 OIS | |
| 140-09-307 CNG | |
| | Date(Time: Contact: By: |
| LAP-092204 017 (AR-092204 018 BCCP) | Date/Time: Contact: By: |
| | A SANCE AND A SANC |
| | |
| CH 09464 020 | |
| LAP-092304 021 | Date/Time: Contact: By: |
| | |
| LAP 092204 | |
| 142 090204 | |
| LAP-092204 | |
| CON 092264 | |
| 是一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大 | |
| LABORATORY STATE ONLY: (CUSTODY) May, Dong/Time-RCVD: C V 3 DEST AVAILABLE GOPY | FOIA Requested Record #J-15-0085 (MD) |

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

La Plata

Chaim Of Custody:

130302

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SL State Military Reservation

Job Location:

La Plata, MD

Date Analyzed:

9/29/2004

29-Sep-04

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Report Date:

Attention:



Page I of 2

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Area Wiped (ft*) | | orting imir | Final Res | ult | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|---------------------|-----------|--|----------|
| 0469823 | LAP-092204 001 | Flame | Wipe | *** | 0.111 | 108.91 | ug/ft² | 23000 | ug/ft² | |
| 0469824 | LAP-092204 002 | Flame | Wipe | 66×6. | alli | 108.01 | ug/ft ^a | 29000 | ug/fit² | |
| 0469825 | LAP-092204 003 | Funtace | Wipe | 49/44 | 0.111 | 337.53 | ug/ff* | 2600 | ug/ft² | |
| 0469826 | LAP-092204 004 | Foreacc | Wipe | *** | 0.111 | 33.75 | ug/ff* | 150 | ug/fit² | |
| 0469827 | LAP-092204 005 | Furnace | Wipe | *** | 0.111 | 67.51 | ug/fl ^a | 280 | ug/fl² | |
| 0469328 | LAP-092204 006 | Fumace | Wipe | *** | 0.111 | 337.53 | ug/fl² | 2800 | og/ff² | |
| 0469829 | LAP-092204 007 | Furnace | Wipe | #0k@#c | 0.111 | 13.50 | ugyitt ² | 38 | ng/ft ^a | |
| 0469330 | LAP-092204 008 | Furnace | Wipe | and dis | 0.111 | 2.78 | ug/ft² | 11 | $\pi \mathbf{a}_{\mathbf{L}_{\mathbf{S}}}$ | |
| 0469831 | LAP-092204 009 | Furnace | Wîpe | +4CF St | 0.111 | 2.70 | ug/fi² | 6.4 | ug/ ft³ | |
| 0469832 | LAP-092204 010 | Furnace | Wipe | 29*4 | 0.111 | 337.53 | ug/ft² | 2600 | ug/fi² | |
| 0469833 | LAP-092204 011 | Fernace | Wipe | **** | 0.111 | 2.70 | vg/ff | 5.7 | ug/fi² | |
| 0469834 | LAP-092204 012 | Funzce | Wipe | **** | 0.113 | 2.70 | ug/fl ² | 7.6 | ug/ft² | |
| 0469835 | LAP-092204 013 | Furnace | Wipe | 本本主米 | 111.0 | 2.70 | ug/fl² | 8.7 | ug/fl ^e | |
| 0469836 | LAP-092204 014 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 5.6 | ug/ft² | |
| 0469837 | LAP-092204 015 | Furnace | Wipe | **** | 0.111 | 2.70 | ug/ft² | 7.7 | ug/ft ^a | |
| 0469838 | LAP-092204 016 | Fumace | Wipe | # torus | 0.111 | 13.50 | n6/85 <u>s</u> | 74 | ug/ft² | |
| 0469839 | LAP-092204 017 | Furnace | Wipe | *** | 0.111 | 2.70 | ug/ff ^e | 9.8 | ug/fi² | |
| 0469840 | LAP-092204 018 | Furnace | Wipe Blank | *** | N/A | 0.30 | ng | 0.47 | ug | |
| 0469841 | LAP-092204 019 | Furnace | Wipe Blank | **** | NA | 0.30 | ug | 0.48 | ug | |
| 0469842 | LAP-092204 020 | Furnace | Wipe | **** | 0.111 | 337.53 | ug/ft² | 730 | ng/ft ^e | |

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a motual protection to clients, the public and these Laboratories, 's report is submitted and accepted for the exclusive use of the elient to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization. m us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and hility for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved AIMA Analytical Services, Inc.

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS



(Tient:

National Guard Bureau

Job Names

La Plata

Chain Of Custody:

130302

Address:

301-JH Old Bay Lane, Attn: NGB-AVN-S1,

Job Location:

La Plata, MD

Date Analyzed:

9/29/2004

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Attention:

Not Provided

Report Date:

29-Scp-04

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Number | Client Sample Number | Analysis Type | Sample Type | Air Volume (L) | Arca Wiped (CF) | Reporting Limit | Final Result | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|--------------------|--------------------|--------------|----------|
| 0469843 | LAP-092204 021 | Furnace | Wipe | *** | 0.111 | 2.70 ng/ft² | 16 ug/ff | |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-31138

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight __mg/L = parts per million (ppm) ug = micrograms

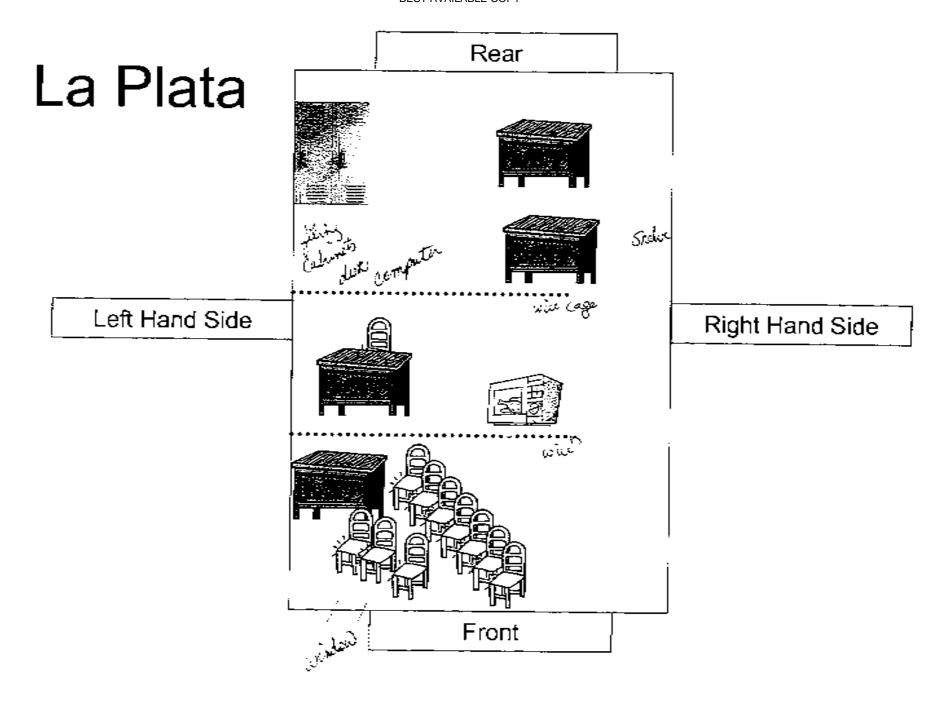
ug/L = parts per billion (pob)

%Pb = percent lead by weight Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

Analyst:

Techescal Manager:





AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

130302

CHAIN OF CUSTODY

| Mailing/Billing Inform | nation: | 0 | į | | | | | al Info | | ı: . | ,) | | | | | ·* |
|--|---|----------------|----------------|--------------|------------------------------|-------------|----------------------|---------------------------------------|---------------------------------------|----------|-----------------|--|---|--------------------------|---|---|
| 1. Client Name: | my National | | | | | | | Name: | | _ P | lata | | | | | |
| 2. Address 1: 30 1- | | ay Lan | | ~ | | : | | | | | ata | , , , , , , , , | *************************************** | | | |
| 3. Address 2: Havi | | | | 78 | | 3 | 3. Job | #: | Nor | n-Resi | nonei | · /- | P.C |). # | | |
| 4. Address 3: | | | | | | | +. Con | tact Per | son | | | | | @ phone | # 3016773698 | |
| 5. Phone #: | | Fax #: | | <u> </u> | | : ۱۸ کید | 5: Sub | mitted b | y: | | · | 200 | | Cianatura. | | |
| | 10 1 | nu i | Reportin | g Info | mation (| Results | will be | prowide | d as so | on as te | chnical | lly feas | ible): | | | |
| Date & Time Results Re | equired: 'Y'/' | <u>U [@ }</u> | <u> 100 - </u> | _ | md 724 | hr 48 | Shr. 77 | 2hr 🖎 | Day + | ☐ Imm | id. After | -Hours | * □24b | ır After-Hours* 🔲 | Late-Night* (*must be | pre-scheduled) |
| Date & Time Results Re ☐ Verbals: | @ cell # | | | Fax Co | p. <mark>INUII-</mark> F | respu | HSIVE | @ fax | 4 <u>3516</u> | 77 | 7/3 <u>2</u> | | □ Emai | il Copy: | @ | |
| Asbestos Analysis | | |] | TEM Bu | llk | | | | | | | Lea | d Analys | is | | |
| PCM Air - Please Indicate PC MCE Porosity | in a 25mm 37mm | | | UI E | LAP 198.4 | /Chatfiel | d | <u> </u> | QTY) | | | | ☐ Paint | Chip(| QTY) | |
| ☐ NIOSH 7400 | (QTY) | | | O P | Y State PI lesidual As | :M/ 1 | | (\ OTV) | (1 Y) | | | | ☐ Dust \ | Wipe (wipe type (QTY) |)) | _(QTY) |
| Fiberglass | (QTY) | | 2 | TEM D | | | | Y.L. | | | | | | olid(Q11) | OTY) | |
| TEM Air - Please Indicate PC MCE Porosity | | | | <u></u> (| ual. (pres/a | abs) Vacu | um/Dus | Ĺ | (0 | QTY) | | | ☐ TCLP | (QT) | 0 | |
| → AHERA | (OTY) | | | |)uan, (s/are)uan, (s/are | | | | | |) | | ☐ Drink | ing Water Water | (QTY) | |
| ☐ NIOSH 7402 | (QTY) *** | (OTN) | ĵ | 11173 A 337 | | | | | | ¿11) | | , | ☐ waste ☐ Dust \ | Wine Furnace (wine t | _(Q1Y) ype) | (OTY) |
| Other (specifyPLM Bulk | 74 | (QTY) | | | <u>uer</u>)ual. (pres/: | abs) | | _(QTY) | | | | | | | J.F | (\(\sigma^*\) |
| EPA 600 – Visual E | stimate(Q | TY) | | | LAP 198.2 PA 100.1_ | | | | (QTY) | | | | | ıs Analysis | , h | |
| ☐ EPA Point Count ☐ NY State Friable | (QTY) | | | <u> </u> | ## 100.1 | | (Q | 1) | | | | | | (QT') (specify | Y) (OTV | Λ. |
| Grav. Reduction EL | AP 198.1(| QTY) | C | ره عمر ا | E 12: | 1 12 | | i., | , | • • • | | | _ 5 | (Specify | 727 | - ↑ |
| Other (specify | | (QTY) | , | 660 6 | ~ |) { ^ ` | | N. Carrier | | | | | | \Box | A 11 | |
| CLIENT ID | SAMPLE ANALYSIS I | INFORMAT | VOLUME | | E | | NALYS | | | | | TRIX | WATER | 10 | CLIBAT CONTACT | , , |
| NUMBER | SAMPLE LOCATION | DATE | (LITTERS) | | | I PCM | PLM | LEAD | OTHER | AIR | BULK | WIPE | AND OTHER | (LAE | SORATORY STAFF ONL | (Y) |
| LAP-092204 001 | | | | ٠٠٠.٠٠ د | | | | | 37.57 | <u> </u> | 47,414,3 | | | Date/Time: | Contact: | Ву: |
| LAP 092201 002 | | | | | la: | | | | | - | | ļ | | | | |
| LAP-092301 003 | 100 X 3 | | | | | | | | | | | 1. | | | | |
| LAP 172204 004 | | | | | | | | - | | | | | | | | |
| LAP-078301 1005 |) (| | | | | | | | | | | | 3 | Date/Time: | Contact: | Ву: |
| LAP 012204 006 | | | - | | | | | | | | | | | | и. | |
| LAP-092104 007 | | | | | | | | (i) | - (Files) | | 1.5 1.5 1.5 1.5 | 3.45.27 | | | TOTAL MARKET. | |
| LAC 072204 008 | 1.3 | | | 1000 | | | | | | | | | | | | |
| LAP 092204 009 | | 1 | | | | | | | 25,000 | | | | | Date/Time: | Contact: | By: |
| LAP 092201 010 | W - 1 | | | | | | | | · · · · · · · · · · · · · · · · · · · | 1 | <u> </u> | | | Date, Time. | Contact, | Бу. |
| LAP 092204 DIL | | 15 mg | | | | | | Cont. A | | \$ 1 m | | | - | | | 100000000000000000000000000000000000000 |
| LAP 092204 012 | X 3 | | | | | 1 | 1 | | | | <u> </u> | | | | - 117177474 | |
| LAP-092204 013 | 0 | - | | - W | | | +- | + | | - | | | | | | |
| | ~ ` | | | V | ı | 1 | 1 | 1 | | | | | | | | |
| LABORATORY STA | <u> </u> | Y) | <u> </u> | V | | | | Last 14 | | | | | | | | J |
| LABORATORY STA 1. Date/Time | FF ONLY: (CUSTOD | Y) ->_ <-> | / <u>-</u> | >/(· | Via: 0 | 1 1200 E | I ZV _B | Y (Print): | N | 0 | n- | F | Re | Spoi | nsive | |
| | FF ONLY: (CUSTOD e RCVD: 1/2 | <u> </u> | / | V | Via: 0 | Sof E | 1 3V _B | y (Print): | | 0 | n- | F | Re | spoi | nsive | |
| 1. Date/Tim 2. Date/Tim 3. Results R | FF ONLY: (CUSTOD e RCVD:// e Analyzed:/ | <u> </u> | / @@ | 7/1 | Via: 0 | | <u> </u> | · · · · · · · · · · · · · · · · · · · | Partie S | 0 | ر د د | F | , | | | Non-Responsive |
| 1. Date/Tim 2. Date/Tim 3. Results R | FF ONLY: (CUSTOD e RCVD:// e Analyzed:/ eported To: FOIA Reading Room | Y) / | <u> </u> | 7/1 | Via: Ø | | <u> </u> | y (Print); | 9 PY | | ے د ا | | , | me OIA Requested | Record #J-15-0 0000 National Guard Bure | Non-Responsive |

| | BULK SAM | PLE DATA | | |
|---|---|--------------|-----------------|---|
| For t | use of this form see USAERA TO | 141: the pro | ponent is HSHB- | LO. |
| Return Address (con Wational Guard Bureau | nplete address including Zip , 301 III OLO BAY LANE, AHN; NG | Code) | | act (name/AUTOVON) |
| Stak Military Reserval | tron, Havre De Grace MB | 21078 | INOTIFICS | ponsive 2 - 0273 Ext 18 |
| Sampled Installation | Project Nu | | ARLOC | |
| La Plata MD | | | | |
| Non-Respor | QC/2 -1 -1 | | Date Ship | oped |
| Description of Operat | lion | | Location | (BLDG/AREA) |
| Karge | | | LA Plata | <u>- 1 </u> |
| Associated Complaint | s (be specific) | | | |
| Associated Air Samp Yes XNo | les If yes, li | st sample ni | ımbers | |
| | Label Infor | mation | | |
| Trade Name | หรห | Ма | nufacturer | |
| Address | | мѕ | DS Attached | |
| | 2. 2. | | Yes | ☐ No |
| Analysis Desired | ad Wipes - Furnac | e metho | o d | |
| Lab Use Sample Only No. | Constituents | Res | ults | Remarks |
| 001 | | | | RED LIGHT PIXTURE |
| LAP 092204 002 | | | LFT | SIDE, behind firing flowrecent light fixture |
| LAP 092204 | | | | • |
| 003 | | | top | us brick wall & make girder |
| 004 | | | Floor | vall, backstop area, of brick wall is metal gircler, RT stall, immediately front of firing line |
| LAPO 72204 | | | | LT side, 1/2 way |
| 005 | | | down | n range |
| Comments to Lab | | | (Continu | ied on other side) |
| | Lab Use | Only | | |
| Analyst (initials) | Reviewed By (initials) | Da | te Received | Date Reported |
| Procedures Performed | Comments: | | | |
| Posted to NGB FOIA AEHA Form 82-29,181 Oct 84 | 7.00 | AILABLE COPY | | ed Record #J-15-0085 (MD) o by National Guard Bureau Page 331 of 5269 |

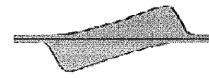
| | | BULK SAMP | LE DATA | |
|--|--------------------|--------------|----------------|--|
| ab Use | Sample | | | · · · · · · · · · · · · · · · · · · · |
| Only | LAPOPAROY | Constituents | Results | Remarks |
| | 006 | | | Floor, CTR lane, A+ |
| | LAPOTOROY | | <u> </u> | for well downsame |
| <u> </u> | 007 | <u> </u> | , | Rean wall RHS SA From Floor IFT Fra |
| | CAPOTAZOY | | - | 9H From Floor IFT Fra |
| | LAPOPREOU | | | Rear wall center |
| | 009 | | <u> </u> | Reac Wall 1 HS |
| | LAP0922041 | | | Rear wall Center 1ft from floor Rear wall LHS 2ft from Cloor Ift from |
| | 016 | | , | RHS wall in inset |
|] | LAP0422041 | | | bottom reinter |
| | 011. LAPO 12204 | | <u> </u> | RHS WALL & of leng lane SA from Place |
| | 012 | | | RHS WALL GEOLIGIES |
| | LAPO 422 04 | · | <u> </u> | RHS wall acoustic tile near firing lane |
| —.⊣ | 013 | _ <u></u> | | - 14 ቀን መላፋ ሀስፈደረ - 1 |
| l' | 014 | | ··· <u> </u> | acoustic tile entrick near |
| | AP092204 | | | LHSunt Center 75+ |
| | _015 | | | LHS Wall 2004 from |
| J. | APO12204 | | ·- <u>-</u> | reac correct 502 come state |
| ; | 016 | | | filling cabinet top |
| - [| AF092204 | | | filing cabinet top near firing line |
| - [| AP0422041 | | | Door who range area |
| - 1 | 618 | . 1 | | BLANK |
| j. | AP092204 | | | 13612-16 |
| — , | 019 NP092204 | | <u> </u> | BLANK |
| | 020 | | | IN GYM, on solf above |
| 1 | AP072704 | | | bleechus along IFR well |
| }- | 021 | | . ' | IN Crym on table to |
| - ' | .] | - | <u> </u> | LFT ut LFR clust |
| | | <u></u> | | <u> </u> |
| | | · . | • | |
| ļ | | | | <u> </u> |
| }- | - | | | |
| _ | | | | |
| | | | · | |
| | <u></u> | · | | |
| | | | | · |
| - | | · | | |
| | 1 | | | |
| | | | ···· | <u>[</u> |
| | | ļ | - | |
| | Ţ - - | | | <u> </u> |
| | | <u></u> | | |
| | | - | ·· | |
| - | | · <u> </u> | | } |
| | 1 | | | |

Posted to NGB FOIA Reading Room May, 2018

FOIA Requested Record #J 15 0005 (MB) Released by National Guard Bureau Page 332 of 5269

| | | E | ULK SAMPL | E DATA | | |
|-----------------|---------------------------|----------------------------------|--|-------------|---------------------------------------|--|
| | For us | e of this form s | ee USAERA TG 1 | 41: the pro | ponent is H | SHB-LO. |
| Presidental. | Address (com | plete address 301 III OLD BAY | including Zip C LANE, AHN: NGB Grace MD 21 | ode) | Point of Non- | Contact (name/AUTOVON) Responsive 142 - 0273 Ext 18 |
| Sample | d installation | | Project Numb | | ARLO | the state of the s |
| dal | ata MD | • | | · | | |
| - | -Respon | | Sep 22, 200 | | Date | Shipped |
| | tich of Operati | on " | | | Loca | tion (BLDG/AREA) |
| Kang Associa | () ited Complaints | (he specific) | | | LAF | lata, |
| | | | | | , | |
| Associa Ye | ated Air Sample s 🔀 No |)S | if yes, list | sample ni | Imbers | |
| Tanda N | | | Label Informa | tion | | |
| Trade N | ame | N | SN | Ма | rufacturer | |
| Address | 1 | | | ма | os Attache | ed . |
| | | | | | Yes | ☐ No |
| Analysis | Lea | d Wipes | - Furnace | metho | o d | |
| Lab Use Only | Sample No. | Constitu | ents | Res | ilts | Remarks |
| | 001 | | | | | CTR RED LIGHT PIXTURE Above firing lim |
| | 002 | | | | | LFT SIDE, behind firing lim, flouresent light fixture |
| | LAP 092204 003 | | | | • | RT Wall, backstop area, tup us brick wall a |
| | 004 | | | | | two us brick will is maked girder Floor, RT side, immediately in Scord of Siring line |
| | 005 | | | | | Floor LT side, 1/2 way |
| Commen | is to Lab | | | | (Co | ntinued on other side) |
| | | | Lab Use On | ly | | |
| Analyst | (initials) | Reviewed E | ly (initials) | Da | e Receive | d Date Reported |
| Procedur | es Performed | Com | ments: | | · · · · · · · · · · · · · · · · · · · | |
| | Pested to NCB FOLA | Reading Room | BEST AVAIL | ABLE COPY | FOIA | Requested Record #J-15-0085 (MD) |

| | | BULK SAMP | LE DATA | . 1 |
|---------------------|---------------------|--------------|--|--|
| b Use Only | Sample No. | Constituents | | |
| | LAPP92204 | | Results | Remarks |
| | 006 | | | Floor, LITE lane, at |
| | POSCEONA | | | for well downrange |
| | -AP012204 | | | Resu wall RHS SA Provin Flour IFF From 1 |
| | 008 | | Ţ <u></u> | Rear well Confer |
| | LAPOTREDIT | | <u> </u> | 7 At from Floor |
| | 009 | _ | | Rear Wall LHS |
| | LAPORREDA | | | Rear well Center TH From Floor Rear wall LHS 2ft from Cloor If from Co |
| | 018 LAPO (22041) | | | RHS wall in inset bottom center RHS wall 13 of Icig In |
| | OR L | | · | RHS Wall 19 of 1806 th |
| | CAPO 9220-1 | · | - | - There strains Floor 1 |
| | 012 | <u> </u> | | RHS walt acoustic tile near firing lage LHS walt under el |
| | 013 | | | LHS wall under el |
| | LAF092204 | | <u> </u> | - lacousac file, eablich nach Li |
| | 014 | | | LHSwife enter 1794 |
| - 1 | LAF092204 | | | LUS Wall 1817 From |
| | 015 LAPO122041 | | | rear charge 584 Gom floor |
| | 016 | | | Ciling cabinet dop |
| | AF092204 | | _ | near wing line |
| | 017 | | | Door . Ato range area |
| ľ | 018 | | | · |
| | AP092204 | | · <u> </u> | BLANK |
| <u> </u> | 019 | | | BLANK |
| Į. | 020 | - | | IN GYM, on sold above |
| | APO12304 | - | | blenchus along IFR wat |
| <u>_</u> | 021 | | | LET OF IER CLOOP |
| ŀ | | | | LET OF IER Obor |
| | | <u> </u> | | . J |
| - 1 | | Ţ | | |
| | | | <u></u> | |
| | | | |] |
|] | 1 | | | |
| - †- | | | | <u> </u> |
| _ _ | <u></u> | | | |
| | | | | |
| | | <u></u> | _ | ! |
| | J | | | |
| \top | | | | <u> </u> |
| | | | | |
| | | | | |
| ·· ····· | | | ··· | <u> </u> |
| | | | | |
| | | | | <u> </u> |



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 8, 2003

Laboratory Code:

RES

Subcontract Number: Laboratory Report: NA RES 95719-1

Project Description:

None Given

None Given

Non-Responsive

USACHPPM
USACHPM, ATTN: MCHB-TS-OFS Bldg 1570
APG MD 21010

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 95719-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



President

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AHIA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number:

RES 95719-1

Client:

USACHPPM

Client Project Number / P.O.:

Client Project Description;

None Given

None Given

Date Samples Received:

July 22, 2003

Analysis Type:

USEPA SW846 3050B / AA(7420)

Turnaround:

3-5 Day

Date Samples Analyzed:

July 23, 2003

| Client | Lab | Sample | 1.EAD | Detection | LEAD |
|------------|-----------|----------|-------|---------------------|---------------|
| ID Number | ID Number | Arca | (µg) | Lbudt | CONCENTRATION |
| | | (sq.ft.) | | $(\mu g/sq.\Omega)$ | (pg/sq.ff.) |
| PA BLANK I | EM 797234 | 0.11 | BDL | 23 | BDL |
| PAW 01 | EM 797235 | 0.11 | BDL | 23 | BDL |
| PAW 02 | EM 797236 | 0.11 | 6.0 | 23 | 55 |
| PAW 03 | EM 797237 | 0.11 | BDL | 23 | BDL |
| PAW 04 | EM 797238 | 0.11 | BDI. | 23 | BDL |
| PAW 05 | EM 797239 | 0.11 | BDL | 23 | BDL |
| PA BLANK 2 | EM 797240 | 0.11 | BDL | 23 | BDL |
| PAW 06 | EM 797241 | 0.11 | BDL | 23 | BOL |
| PAW 07 | EM 797242 | 0.11 | BDL | 23 | BDL |
| PAW 08 | EM 797243 | 0.11 | 4.3 | 23 | 39 |
| PAW 09 | EM 797244 | 0.11 | BDI. | 2,3 | BDL. |
| PAW 10 | EM 797245 | 0.11 | BDL | 23 | BDL |
| PA BLANK 3 | EM 797246 | 0.11 | BDL | 23 | BDL |
| PAW [1 | EM 797247 | 11.0 | BDL | 23 | BDL |
| PAW 12 | EM 797248 | 0.11 | BDL | 23 | BD1. |
| PAW 13 | EM 797249 | 0.11 | BDL | 23 | BDL. |
| PAW 14 | EM 797250 | 0.11 | 20.2 | 2,3 | 184 |

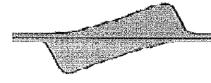
^{*}Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted

BDL Below Detection Limit

Page 2 of 2

BEST AVAILABLE COPY

Data Qa



Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

MD National Guard Bureau 301-IH Old Bay Lane Havre De Grace MD 21078 Invoice Date:

August 8, 2003

Invoice Number:

95719-1

TERMS:

Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| Quantity | | Analytical F | rocedure' | | Unit Price | Amount |
|----------|--|---|-----------------------|---------|--------------|----------|
| 17 | RES Job #: Desc: Submitted By: P/O No: Contact: AA/ICP Metal | 95719-1 None Given MD National Gu None Given Non-Responsive Wipe | ard Bureau 3-5 Day | 4125-02 | \$7.50 | \$127.50 |
| | | | | | | |
| | | | | | | Ł |
| | | | | | | |
| | | | | . • | | |
| | | | | | | |
| | | | | | | |
| | | | | li | voice Total: | \$127.50 |

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denvor CO 80211

| Due Coto: 2-45 2-951 | RESI Job #: RES 95719 |
|--|--|
| Die Tinto: 9:50 | - |
| SAMP - INVOICE TO: (IF | DEFERENTI |
| Contrate ALLY ACTOR AS A CONTRACT AND A CONTRACT AN | Genal & Veres Rules |
| RADIO AND SIGNAL SOUTH TO A POLICY OF THE STATE OF THE ST | E. N. CE TIM D |
| Commission-Responsive From 4/D-436-5475 FM | Pager, |
| Project Number on the P.O. N. | Pagor |
| Project Coscinistan asstar | Non-Responsive |
| After Hours/Weekend CHARGE: Amount \$ Authorize | od by: |
| Additional less apply for offer frours and holidays for all analysis types. Samples will be and otherwise arranged and specified on the chain of custody. Turnaround is subject to laborate expected. | Non-Responsive |
| ASBESTOS LABORATORY HOURS: Wookdays: ANALYTICAL METHO | OB |
| PCMIPLM 2 Hour RUSH 24 Hays 1.5 weekstays | OD CM 7490A, 7490B, OSHA EM ARERA, Lovery, 7402, 150, Pros/Abs 150-indices Pages Contests ALERA Mark Contests ALERA Mark Contests ALERA Mark Contests ALERA Mark Contests ALERA Mark Contests ALERA Mark Contests ALERA Mark Contests |
| Price Holde REQUIRED for 15M 6 Hour RUSH Out Holde REQUIRED for 15M 6 Hour RUSH | ist Total Respirable |
| | M. Studingani, Longrégori, Point Céant (M. Hu. Quant, Semi-quant |
| to a market and the second and the s | Fig. 58 DUL WORK TOLP |
| 1 1 ('' | (AGTM C 1792 approved when very) M. Cricking — Weste Water (Water Metal RCRA a |
| PINE NOSE REQUIRED TO SPECIAL RUSH AS, RCRACK TOLP OTHER OTHER | Responsive a pigia meddia my Yolumo EM# 797234 |
| Special instructions: SEND RESULTS E-Mail to NON- | |
| abactum attactions: OF 100 KT 201 12 F-Mail 18 100- | Responsive Papisia meddig |
| Client Sample Number | Yalumo EM# |
| PABlank 1 | 79.7.234 31 |
| 2 PA W Ø 1 3. PA W Ø 2 | |
| 4. PAWØ3 | <u> </u> |
| 5 PAWES . | |
| c PAW 05 | |
| 7. PA Bleak 2 | — v v v v v v v v v v v v v v v v v v v |
| 8 PAW 86 | Name of the state |
| 2 PAW Ø 7 | The state of the s |
| 10 PAWØ8 | |
| 1 A W Ø 9 | (-14) |
| 12. PA W 1.0 | |
| 13. PABlack 3 | <u> </u> |
| 16. PA W 1.22 | |
| | |
| HOTE: 8 this postage has sestiment substituted demands or the outling text is broken, stop and contact project and | When and subakes 1200 their on their transfer |
| eron management received was trose strapes. He ta not research for earning or emperiors in calculations restrain | organism to the control of the management of the control of the co |
| Relinquished By: NON-RESPONSIVE | Odoran 18 July 2003/1230 |
| Laboratory Use (| 2 22 22 23 23 |
| Received by Oate/Time | Responsive |
| RESULTS Collect /- Page Flione Fax Emost | hillas |
| SPLITS: Authorization By/Time: | Lab Boneh/Count Sheets Recoived By: |
| Analytical Method/Turnaround: | Time: (left): |
| ner 5/201 Results Due: Results Out: | |

Promo: (100) 884-1986 Fax: (100) 477-4215 WATS; 1-366-RESI ENV (137-4368)
PAGER: ONGALL Pages number scalibbio at Lab. Alternatio Pagers: Plantem 100-2181 PCM/Melais 509-2098 (AFLER ROURS USE OUR Y)

RESERVOIRS ENVIRONMENTAL, INC. 2059 Bryant St., Denver CO 80211

| Duo Dato: ZAS ZAG | RES(300 # 957/9 |
|--|--|
| Oue Time: 9:50 | Page 2 4 Z |
| SAMPLES CHERRITOR OV. INVOICE TO: (IF | |
| Company COMMANDER USACTION YOU AT A THE METHORS OF S | Dia Com C Burgage |
| Albiers SISS III M KHANE NOAD ARG, MD 25016,6434 | e Greer MD |
| Control Phone: For | W 140/4 |
| Collect Phone: For | Pager Pager |
| Project Municial similar P.O. is: Project Descriptions applications | Final (Isla Deliverable Empli Address. |
| | |
| After Hours/Weekend CHARGE: Amount 5 Authorize | |
| Additional trees apply for ulter hours and holidays for all analysis types. Samples will be an otherwise arranged and specified on the chain of custody. Turnaround is subject to laboral expected. | nlyzed during normal laboratory hours unless ory volume. You will be notified if delays are |
| ASBESTOS LABORATORY HOURS: Weekdays: ANALYTICAL METH | OD CM 7400A 7400B, OSHA |
| } | EN AHERA, Levelth, 7492, 180, Providus 180-radiast Preps Charlett |
| Trest to the state of the state | ATICE Metal RCRA's cust Total Respirate |
| BULK: P | IM Shartropart, Logreport, Point Copar 98-15 Cornet Sendemont |
| 8am · Spm | M. U., Quant, Send-juind MICP A. (1) Chapt. Here's B |
| RORA 8 SPECIAL RUSH 24 Hour 25 Day WATER R | Point Soit Over (Wipe TICLP (ASTM 6 1792 approxied Wipes endy) |
| | EM Drinking. Waste Water A Water MetalRCRA B |
| TCLP SPECIAL RUSH S Day 10 Day | Grinking, Waste Water |
| Prior Notice REQUIRED for SPECIAL RUSH BA RORA or TCLP RORA and TCLP SPECIAL RUSH IN 3 Day Transported OTHER SE | SOCY |
| Special (riskructions) | |
| Cilent Sample Number | Volume EM# |
| 1 P-A W13 | 2.200000 |
| | 742944 |
| · YAWILI | <u> 742949</u> |
| 3. Y WILL | 742844 |
| 2 | 742249 |
| 3. 4. 5. | 742349 |
| 3. 4. 5. 6. | |
| 3. 4. 5. 6. | |
| 3. 4. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. | |
| 3. 4. 5. 6. 7. 9. | |
| 3. 4. 5. 6. 7. 9. | |
| 3. 4. 5. 6. 7. 9. 10. | |
| 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. | |
| 3. 4. 5. 6. 7. 9. 10. | |
| 3. 4. 5. 6. 7. 9. 11. 12. 13. 14. 15. | |
| 2 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. Number of samples received: (Use as many addition) sheets as needed.) NOTE: 8 ma proxings has sustained yeartenbut carnage or the cuckedy soully trades, stop and contact project ma open information tablehed with those samples. Ribl is not respectable for eners or emissions in calculations return | pages and tripper, RESI wa analyze becoming scrapes based and from the inaccuracy of cognitability. Turkurcural tenes are |
| 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Number of samples received: (Use as many addition) sheets as needed.) 16. 17. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19 | spaged and thispate, the Stirl analyse becoming samples based and from the innecessity of cright what a Turkment the same site. |
| 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. Number of samples received: (Use as many addition) sheets as needed.) NOTE: If the printings has sustained published carnage or the cuckdy soully traken, stop and contact project ma open information tablehed with those samples. Riblis not responsible to enters or emissions in calculations returned upon impass of the printing of the contact of the conta | pages and tripper, RESI wa analyze becoming scrapes based and from the inaccuracy of cognitability. Turkurcural tenes are |
| 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. Number of spinotes received: (Usin as many padation) sheets as needed.) Number of spinotes received: (Usin as many padation) sheets as needed.) Note: if the participal has must need posteriors camage or the cucked, soully trades, step and contact project may open information raceived with those samples. Risk is not responsible to entire or omissions in calculations returned upon inners. Relinquished B. Laboratory Us. Received By: | spaged and thispate, the Stirl analyse becoming samples based and from the innecessity of cright what a Turkment the same site. |
| 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Number of samples received: (Usa as many outdition) sheets as needed) NOTE: if the parkings has austined positional camage or the custody soullis traken, step and contact project may open information received with those samples. Risk is not responsible for onne or emissions in calculations returned upon information acceived with those samples. Risk is not responsible for onne or emissions in calculations returned upon information to the contact project may open in the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open information to the contact project may open inform | pager and thisper, rective analyze becoming scorpes based agreen the fractures of distributant Temperatures are |
| 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. Number of samples received: (Usin as many addition) sheets as needed.) NOTE: if the parketop has must need positionally causage or the cucked, soully trades, step and contact project may open information received with those samples. Risk is not responsible to enters or emissions in calculations returned upon information force or missions and the contact project may open information force or mission of the contact project may open information force or mission in calculations returned upon times of the contact project may and the contact project may be contact the contact project may open information for the contact project may open income the contact project may op | spaged and thispate, the Stirl analyse becoming samples based and from the innecessity of cright what a Turkment the same site. |
| 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Number of samples received (Use as many addition) sheets as needed) NOTE: if the parkage has sustained posterior camage or the cuckedy soully traken, stop and contact packet mayor information noteived with those samples. Risk is not responsible for emers or emerging in calculations return the upon interest camage in the cucked soully traken, stop and contact packet mayor information noteived with those samples. Risk is not responsible for emers or emerging in calculations return the contact packet and the cucked specific in the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in the contact packet in calculations return the contact packet in the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the contact packet in calculations return the | pager and tripper, RESI wit analyze becoming scenarios based and from the inneceracy of distributata. Furnamental times are potentially 2008/12:30 |
| 3. 4. 5. 6. 7. 9. 10. 11. 12. 13. 14. 15. Number of spiritors received: (Usin as many padation) sheets as needed) to 15: if the participal has must need yearsteady carries uncharly earlies trates, step and contact project may open information raceived with those samples. Ribl is not responsible to entire or emissions in calculations returned upon inner sections. Relinquished B. Laboratory Us. Received By: Currier. RESULTS: | pager and thisper, rective analyze becoming scorpes based agreen the fractures of distributant Temperatures are |

Phono: (303) \$44-1366 Fax: (303) 477-4275 WATS: 1-866-RESTERY (187-4168) PAGER: ONCALL Pages number available of Lab. Alternate Pagers: PLMTEM 502-2187 PCMMMedia 503-2093 (AFTER HRURA USE ONLY)

Particula MD Armory

| Wipe Sample ≄ | | | | Indoor Ra | enge li | Ma | <u>]</u> | |
|---------------|------------|------------|--------|-----------|---------|----------|-----------------------------------|-------------------|
| | Armory | City | Active | Inactive | N/A | Cleaned? | Location of Samples | Conc. [µg/ft²] |
| | | _[| No | | | Yes . | | |
| PAWOL | Park/ile | Parkville | | | | <u> </u> | Drill Floer (Middle) | BOL |
| PAWQ2 | Parkville | Parioritie | | | | | Drill Floor (Near entrance door) | 55 |
| PAW03 | Parkille | Parkville | | | | | Drill Floor (Office end) | BDL |
| PAW04 | Parkville | Parkylie | | | | | Clubroom during table | BDL |
| PAWOS | Parkvite | Parkette | \neg | | | | Clubrown Circing hall bar | BDL |
| PAW06 | Parkville | Fado/ille | | | | | Ciubroom Dining hall window sill. | EDL. |
| PAW07 | Parkville | Parkville | | | | | Mail room desk | BDL |
| PAW0\$ | Partoville | Parkette | | | | | Clubroam Top of refrigerator | 39 |
| PAW09 | Parky le | Parksite | | | | _ | Main office desk surface | BDL |
| PAW10 | Parcelle | Parkvite | | | | | Kitchen Top of range | BDL |
| PAW11 | Parcylie | Parkville | | | | | Kitahen window sill | BDL |
| PAW12 | Parky/lie | Parkvi3e | | | | | Kitchen floor | BDL |
| PAW13 | Parket e | Paritxitie | | | | | Kacaen exhaust fan | BOL |
| PAW14 | Padwille | Paritivite | | | | | Basement orment floor | 184 |

BEST AVAILABLE COPY

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIHA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS: LEAD BY WIPE SAMPLING

RES Job Number;

RES 96061-1

Client:

Army National Guard IH - West

Client Project Number / P.O.: Client Project Description: None Given None Given

Date Samples Received:

July 30, 2003

Analysis Type:

USEPA SW846 3050B / AA(7420)

Turnaround:

3-5 Day

Date Samples Analyzed:

August 4, 2003

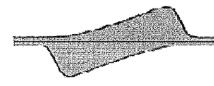
| Client | Lab | Sample | LEAD | Detection | LEAD |
|-------------|-----------|----------|--------|----------------|---------------|
| ID Number | ID Number | Area | (µg) | Limit | CONCENTRATION |
| | | (sq.ft.) | | (μg/sq.ft.) | (μg/sq.ft.) |
| Pl Blank 1 | EM 800587 | 0.11 | BDL | 23 | BDL |
| Pl Blank 2 | EM 800588 | 0.11 | BDL | 23 | BDL |
| PI Blank 3 | EM 800589 | 0.11 | BDL | 23 | BDL |
| Pl Blank 4 | EM 800590 | 0.11 | BDL | 23 | BDL |
| PI W16 | EM 800591 | 0.11 | 22.8 | 23 | 207 |
| PI W17 | EM 800592 | 0.11 | 14.2 | 23 | 129 |
| PI W18 | EM 800593 | 0.11 | 56.2 | 23 | 511 |
| Pl W19 | EM 800594 | 0.11 | 26.2 | 23 | 238 |
| P1 W20 | EM 800595 | 0.11 | 10.1 | 23 | 92 |
| PI W21 | EM 800596 | 0.11 | BDL | 23 | BDL |
| PI W22 | EM 800597 | 0.11 | BDL | 23 | BDL |
| PI W23 | EM 800598 | 0.11 | BDL | 23 | BDL |
| PI W24 | EM 800599 | 0.11 | BDL | 23 | BDL |
| PI W25 | EM 800600 | 0.11 | BDL | 23 | BDL |
| Pl Blank 5 | EM 800601 | 0.11 | BDL | 23 | BDL |
| PI Blank 6 | EM 800602 | 0.11 | BDL | 23 | BDL |
| DK Blank 01 | EM 800603 | 0.11 | BDL | 23 | BDL |
| DK W01 | EM 800604 | 0.11 | BDL | 23 | BDL |
| DK W02 | EM 800605 | 0.11 | BDL | 23 | BDL |
| DK W03 | EM 800606 | 0.11 | BDL | 23 | BDL |
| DK W04 | EM 800607 | 0.11 | BDL | 23 | BDL |
| DK W05 | EM 800608 | 0.11 | 5200.0 | 23 | 47273 |
| DK W06 | EM 800609 | 0.11 | 107.0 | 23 | 973 |
| DK W07 | EM 800610 | 0.11 | 37.8 | 23 | 344 |
| DK W08 | EM 800611 | 0.11 | BDL | 23 | BDL |
| DK W09 | EM 800612 | 0.11 | 7.2 | 23 | 65 |
| DK W10 | EM 800613 | 0.11 | 57.0 | 23 | 518 |
| DK Blank 02 | EM 800614 | 0.11 | BDL | 23 | BDL |
| DK W11 | EM 800615 | | S | ample not subm | itted |
| DK Blank 03 | EM 800616 | 0.11 | BDL | 23 | BDL |

BDL = Below Detection Limit

Page 2 of 2

Data Qa





Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

Invoice to:

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207 Invoice Date: August 8, 2003 Invoice Number: 96061-1

TERMS: Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| Quantity | | Unit Price | Amount | | | |
|----------|---|---|---------|---------|----------------|----------|
| | RES Job #: Desc: Submitted By: P/O No: Contact: | 96061-1 None Given Army National Gi None Given Non-Responsive | | 4405.00 | ¢7.50 | |
| 30 | AA/ICP Metal | vvipe | 3-5 Day | 4125-02 | \$7.50 | \$225.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | CLEROS | | Invoice Total: | \$225.00 |

410-436-5471

T-608 P.03/07 F-688

RESERVOIRS ENVIRONMENTAL, INC. 96061 2059 Bryant St., Danver CO 80211 RESI Job #: - Part t Due Date: _____ One Time: INVOICE TO: (IF DIFFERENT) SAMPLES SUPMITTED BY: CD NEB COMPANY NSACHLERA Paget. Prone. Canadati Parer: Far: Phone: Manueld-army-m) Consid. Project Number and or P.O. K. bicket nataktusyment Authorized by: After Hours Weekend CHARGE: Amount 3 Additional leas apply for after hours and holidays for all analysis types. Sumples will be analyzed during normal laboratory hours unless otherwise arranged and specified on the chain of custody. Turnament is subject to laboratory volume. You will be neithed if delays are Www.kdaya: ANALYTICAL METHOD ASDESTOS LABORATORY HOURS: PCM 7400A, 74000, OSHA AIR 7am - 7pm TEM ANGRE, Level 9, 7402, 150, PROPAGE ISO-NOTOCIFFICE CINESIS Z HOW RUSH ____ 24 NOU! PCAVPLM Ment Ross a MATER_ Dute Total, Respirable 3-S wouldays 6 Hour RUSH 24 hour PAG NOOM RECHASO AT TEMS HOW RUSH PLM Shortesper Longingor Point Court BULK: TEM +1. Quant, Sandquani Wockdays: METALS LABORATORY HOURS: _ vosi ... LAPICP ... raid, 800, Gen. Wips, TCIP _ SPECIAL RUSH 24 Hour AA (ASTM & 1792 Spected Wose COT) TEM DINENG. WATTO WATER WATER ___ 10 Day SPECIAL RUSH RCRA 8 ___ WARW AA _Madel _____ RCRA B Drinking, Wasta Water 10 Day 5 Day SPECIAL RUSH TGLP PILO NOMA REQUIRED BY SPECIAL RUSH AN ROMA OF TOUR ATHER Sewily __ RERA and TOLP SPECIAL RUSH is 3 Day Furnatiound Spacial Instructions 製 **Volume** Client Sample Humber PT BLANK, I 86 BLANK Z 151 BLANK. E BLANKY \mathfrak{I} W10 WIL G, 4 W/8 7. GL. 1219 013 ø. W20 <u> 16</u> ģ, 1021 10. 97 472.7 11. -146 LJ Z.3 (1) 12, 300 13. ţ٤. 01 BLANK 15. (Use as many additional chocks as nacced.) NOTE; if the package has sustained substantial damage of the custody seal is broken, step and content project and adopted. RESI will analyze incoming sandles based upon bit or package has sustained the data will be content of the sandless of contents of the contents of 2001 based upon simes of rec-Relinquished By: Laboratory Uso Or Received By: Condition of packageinstately and upon receipt Carles Time indiais Date Email Phone Fax Contact RESULTS:

> Chona: (103) 514-1426 | Fax: (201) 477-4275 | WATS: 1-36K-RES(EHV (707-4165) Pacer: Chicael Pages number available belod. Altomain Pages of Pemper 500-2107 postunets 500-2008 (AFTER Hours USE ONLY)

SPLITS:

16Y 5/7/93

Authorization By/Time:

Analytical Method/Turnaround:

Results Out:

Lab Bench/Gount Sheets Recolved By:

Data:

410-436-5471

T-503 P.04/07 F-689

~~~ ~ ~ ~ ~ ·

Z

## RESERVOIRS ENVIRONMENTAL, INC.

2053 Bryant St., Donver CO 60211

| Don Date:                                                                                                                                              | KESI JOH H. STEADO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 75                                                                                                                                                     | \$ 20 ST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Oue Time:                                                                                                                                              | INVOICE TO: (IF DIFFERENT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| GAMPLES SUBMITTED BY:                                                                                                                                  | MINES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OSTORACE PAR                                                                                                                                           | And Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the Andrews of the An |
| 4(pts)                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 28874: 218016;                                                                                                                                         | Fax: Poset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Captal: Plane:                                                                                                                                         | Fac Page 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Palus Number and in P.O. II.                                                                                                                           | Non-Responsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 'refed beinfestert oction:                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| After Hours/Weekend CHARGE: Amount \$                                                                                                                  | Authorized by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Additional fees apply for after hours and halidays for as unalysis by<br>exhemise arranged and specified on the chain of custody. Turnant<br>expected. | INVOICE TO: (IF DIFFERENT)  Page: Page: Page: Page: Page: Page: Page: Non-Responsive  Non-Responsive  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authorized by:  Authoriz |
| ASBESTOS LABORATORY HOURS: Wookdays:                                                                                                                   | ANALYTICAL METHOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7am - 7pm                                                                                                                                              | AIR FCM 7100A, 74000, OSHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ,                                                                                                                                                      | TEH AMERA INTO 1 7457, 120,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PCM/PLM Z How RUSH 24 hour 25 washing                                                                                                                  | Presides Isolation from Children                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                        | AAACP Messkable  Dist Total Resekable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| YEM _ s Now RUSII _ 12 how _ 1-5 workdays                                                                                                              | Cype John's Westerman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Prov Notes Recoursed for tem ethor rush                                                                                                                | BULK: PLM Short report tong report Point Count                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| METALS LABORATORY HOURS: Wewkdays:                                                                                                                     | TEM 15 quant Servicural ACRAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| an · 5pm                                                                                                                                               | MINTE CEAD HOLL RCHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| AASPECUL AUSH 24 Hour 1-5 D-27                                                                                                                         | Polnt Soil, Dust (16), YCLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                        | WATER TEN Driking, Wasto Walk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RCRA 0 SPECIAL RUSH SDDy 10 DBJ                                                                                                                        | AA WARDMASH RCRA b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| TOLP SECOND RUSH 10 Day 10 Day                                                                                                                         | Drindbig, Waste Walter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Phy Mosco Required by Special Rushaa, RCRA of That                                                                                                     | OTHER SHAW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RCRA and TCLP SPECIAL RUSH is 3 Day Turnstound                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Special (in the Virtuella St.)                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                        | Yoluma . FM g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Client Sample Number  PF 8LANUK (o                                                                                                                     | 655 xx 5 75 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DK BLANK OL                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                        | 444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| » DK WOI                                                                                                                                               | 653                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1. DK MO 3-                                                                                                                                            | ÖG.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5. <u>DK WO3</u>                                                                                                                                       | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6. DK WOY                                                                                                                                              | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1. DK 1305                                                                                                                                             | ( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| · DK WOG                                                                                                                                               | ) Č                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| a <u>PKW07</u>                                                                                                                                         | And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s |
| 10 DKWOB                                                                                                                                               | 1.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11. DE WOS                                                                                                                                             | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| a prayo                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 13 DK BLANKOL                                                                                                                                          | 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| " BRAIL                                                                                                                                                | F.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15. DE BLANK 03                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| rhunder of samples (coolered: [Vos as ha                                                                                                               | ery additional expert as mooded.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NOTE: I to postage has established substantial denago in the carbody and is by                                                                         | risken, stop and certified project manager and shippen. Ritist will analyte interring campies box as<br>or certification in materials on resident mem at a hancourary of engined acts. Temperand series are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| based upon lines of receipt                                                                                                                            | in their tymercund.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Non-Responsi                                                                                                                                           | Ve patertines 28 Gels 2003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ralinguished By:                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Laboratory Use Only                                                                                                                                    | OaleTear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Receives By: Cantes: Consson of package Austr                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                        | Fax Email Dale Time Inhials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RESULTS: Contact Page Phone                                                                                                                            | T MA CATAMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                        | Lab Bench/Count Strengs Received By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SPLITS: Authorization By/Time: Analytical Method/Turnaround:                                                                                           | Time. Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Admit Alenia ( aleanor)                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (cy (co.o) Results Duo; Results Out:                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Proved (503) 964-1515 Fact (503) 477-4375 Wats; 1-005-Regienv (737-4376)
PAGER: ONCALL Pager number available of Lab. Amended Pagersi Plantem 503-2187 Personal Sept-2088 (AFTER Hours unit only)

|               |            |             |    | Indoor Ra | ange li | nfo      | ]                                                      |                   |
|---------------|------------|-------------|----|-----------|---------|----------|--------------------------------------------------------|-------------------|
| Wipe Sample # | Armary     | Armony City |    | Inactive  | N/A     | Cleaned? | Location of Samples                                    | Conc.<br>(µg/ft²) |
|               |            |             | No | [         |         | No       |                                                        |                   |
| PIW01         | Pikesville | Pikesville  |    | [         |         |          | Main Drill Floor near Center Exit                      | BDL               |
| PTW02         | Pikesville | Pikesville  |    |           |         |          | Bleacher near classroom #4                             | BDL               |
| PTW05         | Pikesville | Pikesville  |    |           |         | j        | Door to Kitchen & Smoking area from armory             | 26                |
| PIW04         | Pikesville | Pikesville  |    |           |         | [        | Top of ice maker in canteen area                       | BDL               |
| PIW05         | Pikesville | Pikesville  |    |           |         |          | Former IFR bullet trap floor                           | 6436              |
| PIW06         | Pikesville | Pikesville  |    | <u> </u>  |         |          | Former IFR bench near former supply plenum             | 747               |
| PFW07         | Pikesville | Pikesville  |    |           |         |          | Floor one foot outside door to former IFR              | 39                |
| PfW'08        | Pikesville | Pikesville  |    |           |         |          | Former IFR under radiator                              | 13818             |
| P:W09         | Pikesville | Pikesville  |    |           |         |          | Window sill near room 210                              | 136               |
| 25W10         | Pikesville | Pikesville  |    |           |         |          | Window sill in breakroom                               | 455               |
| PIWII         | Pikesville | Pikesville  |    |           |         |          | Room 8 (conference area) top of bookcase               | BDL               |
| PTW12         | Pikesville | Pikesville  |    |           |         |          | Step in Room 8 leading to Chief OPS SGT                | BDL               |
| PTW13         | Pikesville | Pikesville  |    |           |         |          | Recruitment Office Room 11 top of bookcase             | BDL               |
| PIW14         | Pikesville | Pikesville  |    |           |         |          | Room 11 top of switch station                          | BDL               |
| PIW15         | Pikesvilie | Pikesville  |    |           | Γ       | F        | Room 21 on floor under fallen light fixture            | BDL               |
| PIW16         | Pikesville | Pikesville  |    |           |         |          | Floor in Vault area (Room ≠ 8) second floor            | 207               |
| PIW17         | Pikesville | Pikesvil.e  |    |           |         |          | Floor vault area outside # 11                          | 129               |
| PIW18         | Pikesville | Pikesville  |    |           |         |          | Floor vault area near main door                        | 511               |
| PIW19         | Pikesvile  | Pikesville  |    |           |         |          | Window sill of PT area on third floor                  | 238               |
| PIW20         | Pikesville | Pikesvil.e  | Ţ  |           |         |          | Foor of cage # 307 area third floor                    | 92                |
| PIW21         | PikesvTe   | Pikesvil.e  | 1  |           |         |          | NCO Club fireplace mantle                              | BDL               |
| PIW22         | PikesvTe   | Pikesville  |    | L         |         |          | Kitchen counter NCO club                               | BDL               |
| PIW23         | Pikesviie  | Pikesycie   |    |           |         |          | Window sill second floor personnel office. Merson bldg | BDL               |
| PIW24         | Pkesvile   | Pikesville  |    |           |         |          | Classroom floor corner/Merson bldg                     | BDL               |
| PIW25         | Pikesville | Pikesvi .e  |    |           | i T     |          | Behind door to exit in corner of floor of Merson bldg  | BDL               |



## Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 7, 2003

Laboratory Code:

RES

Subcontract Number:

NA RE\$ 96063-1

Laboratory Report: Project Description:

None given

None given

#### Non-Responsive

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

**RES 96063-1** is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,



## RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896 AIHA Certificate of Accredidation #480 LAB ID 101533

TABLE ANALYSIS:

LEAD BY WIPE SAMPLING

RES Job Number:

RES 96063-1

Client:

Army National Guard IH - West

Client Project Number / P.O.:

None given None given

Client Project Description: Date Samples Received:

July 30, 2003

Analysis Type:

USEPA SW846 3050B / AA(7420)

Turnaround:

3-5 Day

Date Samples Analyzed:

August 4, 2003

| Client    | Lab       | Sample   | LEAD   | Detection   | LEAD          |
|-----------|-----------|----------|--------|-------------|---------------|
| ID Number | ID Number | Area     | (µg)   | Limit       | CONCENTRATION |
|           |           | (sq.ft.) |        | (μg/sq.ft.) | (µg/sq.ft.)   |
| PI W01    | EM 800631 | 0.11     | BDL    | 23          | BDL           |
| PI W02    | EM 800632 | 0.11     | BDL    | 23          | BDL           |
| PI W03    | EM 800633 | 0.11     | 2.9    | 23          | 26            |
| PI W04    | EM 800634 | 0.11     | BDL    | 23          | BDL           |
| PI W05    | EM 800635 | 0.11     | 708.0  | 23          | 6436          |
| PI W06    | EM 800636 | 0.11     | 82.2   | 23          | 747           |
| PI W07    | EM 800637 | 0.11     | 4.3    | 23          | 39            |
| PI W08    | EM 800638 | 0.11     | 1520.0 | 23          | 13818         |
| PI W09    | EM 800639 | 0.11     | 15.0   | 23          | 136           |
| PI W10    | EM 800640 | 0.11     | 50.1   | 23          | 455           |
| PI W11    | EM 800641 | 0.11     | BDL    | 23          | BDL           |
| PI W12    | EM 800642 | 0.11     | BDL    | 23          | BDL           |
| PI W13    | EM 800643 | 0.11     | BDL    | 23          | BDL           |
| PI W14    | EM 800644 | 0.11     | BDL    | 23          | BDL           |
| PI W15    | EM 800645 | 0.11     | BDL    | 23          | BDL           |

<sup>\*</sup>Calculations Based On A 1 sq.ft. Sample Area Unless Otherwise Noted



**BEST AVAILABLE COPY** 

#### RESERVOIRS ENVIRONMENTAL, INC.

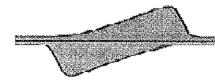
2059 Bryant St., Denver CO 80211 RES 96063 RESI Job #: Oge Date: Page \_\_\_\_ 44 \_ Due Time! INVOICE TO: UF DIFFERENT SAMPLES SUBMITTED BY MD NGB Campany USACHPPA Address Pager FAX Piking); Cortuit Prome" Control Project Munior andler P.O. P. Project Description/Location: Authorized by: After Hours Wookend CHARGE: Amount \$ .amedd. Or my mi Additional fees apply for after hours and helidays for all analysis typus. Samples will be analyzed during normal biboratory hours unless otherwise arranged and specified on the chain of custody. Turnaround is subject to inheritory volume. You will be notified if datays are ANALYTICAL METHOD ASBESTOS LABORATORY HOURS: Weekdays: AIR PCM 7400A 7400B, OSHA 7am - 7pm TEM AIRERA, LAYER, 7492, ISO, PRIVATE GOARDING Prope Classical PCM/PLM \_\_\_ R Itour RUSH \_\_\_\_ 24 hour AA FICE HERAR Make Dust Total, Respiration 2-5 WOORDS • How RUSH 24 hole PILO NASCO RECURED for TEM & HOUR RUSH PLM Soon report Long report, Point Count BULK: TEU 1. Ocal Panishini MATICO LEA MARIE R PAIN, SOR, DUIL TO TOLP METALS LABORATORY HOURS; Weekdays: sam « Spm 15 Day AA SPECIAL RUSH 24 How (ASTM E 1702 approved wices cely.) WATER TEM Danting, Waste Wales RCKA 8 \_\_\_ 6 Oay \_ 10 DW SPECIAL RUSH AA WASH .... Main RCRAS Oriothy, Warm Wales SPECIAL RUSH 3 Day 10 Day OTHER Printed in Required by specke rushaa, reraditous Country RERA and TELP SPECIAL RUSH IS 3 Bay Turnerand Special inserved ons Volume Client Sample Number 201 ய 03 WOH 3.5 WOS ß, 56 ű. <u>40 060</u> 7 0 643 7. 6108 ¢, 361 <u>2009</u> 9. 340 1210 10. 41 31, 141 42 W17 12. 43 W13 13. LIL 30 14 14. PI كللط 15. (Use as many additional shires as neward.) number of samples received: NOTE: If the package has electional executable clarings or the revised send is broken, using and contact project manager and eligiper. RESI will analyze incepting complete acceptable to the package to contact the contact residing from the insecuracy of mighted acts. Turns send since are based upon since of receipt Relinquished By! Laboratory Use Only DESTINATION: Received By: Condition of paskage country's earl upon receipt. Carriera Initials **Qale** Time Phone Fax Emsi Contact RESULTS: Lab Beach/Count Sheets Received By: Authorization By/Time: SPLITS Date: Analytical Method/Tumaround;

> Phono: (107) 964-1966 Fax: (300) 477-4815 VIATE: 1.866-REGIENV [131-4368] pager: oncall pager pumber availably allow, administragers: plutem 307-2161 pensusyah 203-2032 (After Hours use only

Results Out:

ev 5/2/01

Results Due:



## Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

REMIT TO: 2059 Bryant St. Denver, CO 80211

invoice to:

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207 Invoice Date:

August 7, 2003

Invoice Number:

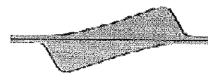
96063-1

TERMS:

Net 30 Days

Service Charge of 18% per annum may by charged on past due invoices.

| RES Job #: 96063-1 Desc: None given Submitted By: Army National Guard IH - West P/O No: None given Contact: Non-Responsive AA/ICP Metal Wipe 3-5 Day 4125-02 \$7.50 \$ | mount  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|                                                                                                                                                                        | 112.50 |
|                                                                                                                                                                        |        |
|                                                                                                                                                                        |        |
|                                                                                                                                                                        |        |
|                                                                                                                                                                        |        |
|                                                                                                                                                                        |        |
| <u> </u>                                                                                                                                                               |        |
|                                                                                                                                                                        |        |
|                                                                                                                                                                        |        |



## Reservoirs Environmental, Inc.

2059 Bryant St. Denver, CO 80211 (303) 964-1986 Fax (303) 477-4275 Toll Free (866) RESI-ENV

August 8, 2003

Laboratory Code:

RES

Subcontract Number:

NA

Laboratory Report: Project Description: RES 96061-1 None Given

None Given

#### Non-Responsive

Army National Guard IH - West 3401 Quebec Street, Suite 7200 Denver CO 80207

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both PAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 96061-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely.



President

# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

**NGB-ARS-IHNE** 

26 March 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Prince Fredrick Readiness Center Indoor Firing Range

- 1. An email dated 22 March 2007 from the CFMO stated that the Prince Fredrick Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



CF: Non-Responsive

May, 2018

## Non-Responsive

From:

Non-Responsive มง พดย

Sent:

Thursday, March 22, 2007 4:11 PM

To:

Non-Responsive<sub>DIV</sub>

Subject:

Fw: Prince Fredrick Readiness Center, Box 6, Old State Road, Prince Fredrick, MD

20678-0006

Can you do your thing?

----Original Message----

From: Non-Responsive LTC (RET) MDARNG

To Non-Responsive

CIV NGB; Non-Responsive

CIV NGB

CC: Non-ResponsiveLTC MDARNG;Non-Responsive

LTC (Ret) MDARNG;

J. Non-Responsive

SFC MDARNG

Sent: Thu Mar 22 16:04:40 2007

Subject: Prince Fredrick Readiness Center, Box 6, Old State Road, Prince Fredrick, MD 20678-0006



Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road

Baltimore, MD 21212

410-377-0500

Mr Non-Responsive

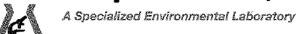
has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

V/r

## Non-Responsive

PS: This was a modified encapsulation due to the condition of the occupied range. Please refer to the project Scope of Work for the extent of the project performance required.

## AMA Analytical Services, Inc.



#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS





Client:

National Guard Bureau

Job Name:

Prince Fred Clear I

Chain Of Custody:

159359

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Prince Frederick IFR

Date Submitted:

2/20/2007

2/20/2007

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting: Date Analyzed:

20-Feb-07

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 1 of I

| AMA Sample<br>Number | Client Sample Analysis Type<br>Number |                    | Sample Type        | Air Volume<br>(L) | Area Wiped<br>(ft²) | •      | orting<br>imit | F          | inal Res  | ult              | Comments      |
|----------------------|---------------------------------------|--------------------|--------------------|-------------------|---------------------|--------|----------------|------------|-----------|------------------|---------------|
| 0731744              | 20070214PRF101                        | Flame              | Wipe               | ****              | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0731745              | 20070214PRF102                        | Flame              | Wipe               | ****              | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0731746              | 20070214PRF103                        | Flame              | Wipe               | ***               | 0.111 ·             | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0731747              | 20070214PRF104                        | Flame              | Wipe               | ***               | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0731748              | 20070214PRF105                        | Flame              | Wipe Blank         | ***               | N/A                 | 12.00  | ug             | <          | 12        | ug               |               |
|                      | for Flame: Air Wines                  | Dainte and Sail/Sa | ide: EDA 600/D-03/ | 200/M\_7420+\Mate | r SM-3111R          |        | -              | r analytic | al recult | s of quality cor | itral camples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

associated with these samples.

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analys

on-Respons Technical Manage:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.



# AMA Analytical Services, Inc.



## QC Summary

Sample Delivery Group: 14400

Analysis Type:

Plante

Sample Type:

Wipe

Analysis Date:

2/20/2007

93.45%

0.90%

Acceptable

|                                   | Ro      | sult  | Percent<br>Recovery | RPD     | Comment    |
|-----------------------------------|---------|-------|---------------------|---------|------------|
| Preparation Dlank                 | 0.008   | ррт   |                     |         | Acceptable |
| Report Limit Verification Sample  | 0.3192  | ppm   | 95.8%               |         | Acceptable |
| Expected Spike Level (ppm) 0.3333 |         |       |                     |         |            |
| Duplicate Sample I                | #Num!   | mg/Kg |                     |         |            |
| Dupliente Sample 2                | #Num!   | mg/Kg |                     | #Hittor | #Error     |
| Matrix Spike Analysis             |         |       |                     |         |            |
| Spiked Sample                     |         |       | 90.74%              |         | Acceptable |
| Spike Duplicate                   |         |       |                     |         | Acceptable |
| Laboratory Control Sample 1       | 267,451 | μg    | 92.61%              |         | Acceptable |

283,612

#### Calibration Information

Correlation of Celibration Curve:

Laboratory Control Sample 2

0.999783

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number 159357

159357

31741 31742 20079214LAP121

SDG Number:

14400

200702141.AP122

Page Lof?

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |  |  |  |  |  |
|------------------|-------------------|----------------------|--|--|--|--|--|
| 159359           | 31744             | 200702141287101      |  |  |  |  |  |
| 159359           | 31745             | 20070214PRF10X       |  |  |  |  |  |
| 159359           | 31746             | 20070214PRF103       |  |  |  |  |  |
| 159359           | 31747             | 20070214PRF104       |  |  |  |  |  |
| 139359           | 31748             | 20070714PRF105       |  |  |  |  |  |

SDG Number: 19400 Page 2 of 2



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

159359

## **CHAIN OF CUSTODY**

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ation:                                                                                                |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | ittal L      |            |                       |                                        | _                |                     |                                         |                                                                         |                                                                                                                                             |                                 |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|------------|-----------------------|----------------------------------------|------------------|---------------------|-----------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------|
| 1. Client Name: N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ob Krainn No                                                                                          | r+1/1                                   | [ [                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I. Jo                   | b Nam        | iė:        | <u>ا ۲ و ا</u>        | NEE                                    | <u> </u>         | ced.                | <u>(C.</u>                              | 1000                                                                    | <u> </u>                                                                                                                                    |                                 |                                          |
| 2. Address 1: 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | - 14 Old 3.                                                                                           | fy L                                    | anc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2. Jo                   | b Loca       | tion:_     | $P_{\ell}$            | NO                                     | _ F              | edu                 | ر أد                                    | !E                                                                      | R                                                                                                                                           |                                 |                                          |
| 3. Address 2: Has                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | ъ#: _        |            |                       |                                        |                  |                     | <u></u>                                 | P.O                                                                     | . #:                                                                                                                                        |                                 |                                          |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         | ontact :     |            |                       |                                        |                  |                     | ve_                                     |                                                                         | @ phone #                                                                                                                                   | 410 942                         | 6273                                     |
| 5. Phone #: 410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9420283                                                                                               | Fax#                                    | 418                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 942 0                 | 254                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5. St                   | ıbmitte      | d by:      |                       |                                        |                  |                     |                                         | S                                                                       | Signature: Non-                                                                                                                             | Responsive                      |                                          |
| ☐ Please include COC/f Date & Time Results Re ☐ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | equired://                                                                                            | @                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | []Imi                 | nd. 🗵                                                                                                      | J24hr □48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8br 🗀                   | ]72hr        | □5 I       | )ay + [               | Imn                                    | ıd. Afi          | ter-Ho              | easibl<br>ours* [                       | e):<br>]]24h                                                            | r After-Hours* □L                                                                                                                           | ate-Night* (*must b             | e pre-scheduled)                         |
| Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W.CC11.#                                                                                              | eren eren eren eren eren eren eren eren | to a state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the | TEM Bul               |                                                                                                            | Nichter (1905), propins and service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service | CONTRACTOR              | @ I          | ax #       | 201392020000<br>      |                                        |                  |                     |                                         |                                                                         |                                                                                                                                             | <b>O</b>                        | 23 200 200 200 200 200 200 200 200 200 2 |
| PCM Air – Please Indicate PC MCE Porosity NIOSH 7400 Fiberglass TEM Air – Please Indicate PC MCE Porosity AHERA NIOSH 7402 Other (specify PLM Bulk FPA 600 – Visual E FPA Point Count NY State Friable 19 Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | in a 25mm 37mm (QTY)(QTY) Filter Type:in a 25mm 37mm (QTY)(QTY)(QTY)) stimate(QTY) 8.1 (QTY) AP 198.6 | QTY)                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DEI DIST              | AP 19 Y State esidual tal. (propan. (s. propan. (s. propan. (propan. (propan. (propan. AP 19 PA 100 I samp | 98.4/Chatfiel PLM/TEM Ash res/abs) Vacu /area) Vacuu /area)Dust D res/abs) 98.2/EPA 100 1.1 oles received or samples                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | num/D<br>m D57<br>6480- | _(QTY        | _(QT)      | Y) (Q' (Q') (QTY)     | (QTY<br>TY)                            |                  |                     |                                         | Paint ( Dust V Air Soil/S TCLP Drinki Waste Dust V Direc Spore- Surface | Chip (Q Chip (QTY)  olid (QTY)  olid (QTY)  mg Water (QTY)  Water (Wipe Furnace (wipe type  t Microscopic Analyst  Trap (QTY)  e Swab (QTY) | ≥                               | 'Y)<br>Dust(QT'Y                         |
| CLIENT ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE INFORMAT<br>SAMPLE LOCATION                                                                    |                                         | VOLUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | WIPE                  |                                                                                                            | ANALY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VSIS                    |              | <i>1 ≈</i> | BULK                  | / \$                                   | IATR             | <br>IX<br>∮/ §3     | ZAPE                                    | SWAB                                                                    | /                                                                                                                                           | LIENT CONTACT                   |                                          |
| NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IDENTIFICATION                                                                                        | all and a second second                 | (LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AREA                  | [5                                                                                                         | =   =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | / 3                     |              | /-₹        | / 🗃                   | 1 <del>Š</del>                         | / ₹₹8            | / <u>\$</u> #       | / 🔊                                     | 15                                                                      | 1                                                                                                                                           | RATORY STAFF ON                 | ILY)                                     |
| 20076214 PRF 101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                       | 2/20                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4"*1"                 |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u> </u>                |              |            |                       |                                        |                  |                     |                                         |                                                                         | Date/Time:                                                                                                                                  | Contact:                        | By:                                      |
| 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                     |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       |              |            |                       |                                        |                  |                     |                                         |                                                                         |                                                                                                                                             |                                 |                                          |
| <i>0</i> 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ١٧٤١١                                                                                                 |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              |            |                       |                                        |                  |                     |                                         |                                                                         |                                                                                                                                             |                                 |                                          |
| 64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10211                                                                                                 | ŀ                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | V                     |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ļ                       |              |            |                       | 1                                      |                  |                     |                                         |                                                                         |                                                                                                                                             |                                 |                                          |
| 20070214 PRF 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Blank                                                                                                 | W                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NA                    |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | V                       |              |            |                       | V                                      | Solly<br>Guznier |                     |                                         |                                                                         | Date/Time:                                                                                                                                  | Contact:                        | Ву:                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              | 4 386646   |                       |                                        |                  | VANGERION           | NVS VSVAV                               |                                                                         |                                                                                                                                             |                                 |                                          |
| Web control of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the se | · Managagagagagagagagagagagagagagaga                                                                  | 1 *************                         | 100000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Acceptage approximate | Dest schegede                                                                                              | 1 24/2012/04/2017/03/0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | en rivide               | 70 4500wo    | (1009000   | () <i>(1)</i> (2) (2) |                                        | 0.000,000        | X (1000)            | 100000000000000000000000000000000000000 |                                                                         |                                                                                                                                             |                                 |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              |            |                       | (((((((((((((((((((((((((((((((((((((( |                  |                     |                                         |                                                                         | Date/Time:                                                                                                                                  | Contact:                        | Ву:                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       | 00000000000000000000000000000000000000  | Vacasiy (04/42/20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Scale (Average)       |                                                                                                            | 3 0.5098 (C. V. V. V. K. A.C.V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | er (#050.650            | ner errenene |            | Notes in the same     |                                        | 12 To 20 272     | i i i a sana i a c  |                                         | 20000.72                                                                |                                                                                                                                             |                                 |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              |            |                       |                                        |                  |                     |                                         |                                                                         |                                                                                                                                             |                                 |                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              |            |                       | 1111/17/201                            | (A. 1996)        |                     |                                         |                                                                         |                                                                                                                                             | WORKER TO STREET                |                                          |
| LABORATORY STA  1. Date/Tim  2. Date/Tim  3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | e RCVD:/_ e Analyzed:/                                                                                | )X) /                                   | /(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9\<br>_@\             | ria:<br>By                                                                                                 | (Print):<br>Via:<br>BES1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AVA                     | By (Pri      | nt);       | s <sub>v</sub>        | /                                      |                  | Sign                |                                         | Tii                                                                     | Sign:  — Sign:  — PollA Requested For Released by                                                                                           | accord #13c Anitia              | 8                                        |
| May, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FOIA Reading Room                                                                                     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |              |            |                       | KARATA<br>KARATA                       |                  | teriore<br>Assumble | #658185<br>- //                         |                                                                         | Released by                                                                                                                                 | National Guard Bu Page 356 of 5 |                                          |

4475 Forbes Blvd. • Lanham, MD 20706

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 130305

Page 357 of 5269

## CHAIN OF CUSTODY

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com Mailing/Billing Information: Submittal Information: 1. Client Name: ACMV National Guard 1. Job Name: Prince Federick 2. Address 1.30/-IH Old Bay Lane Address 2: Haure de Gonce, MD 21078 3. Job #: \_ @ phone # 301 677 3688 Address 3: 4. Contact Person 5. Phone #: 4/0 942 0273 5. Submitted by: Signature:\_ Reporting Information (Results will be provided as soon as technically feasible): Date & Time Results Required: / / @ \_\_\_\_ [Immd. 24hr 48hr 272hr 5 Day + 11mmd. After Hours\* 24hr After Hours\* Late-Night\* (\*must be pre-scheduled) ☐ Email Copy: @ Asbestos Analysis TEM Bulk Lead Analysis PCM Air - Please Indicate Filter Type: ☐ Paint Chip \_\_\_\_\_(OTY) ☐ ELAP 198.4/Chatfield\_\_\_\_ ☐ Dust Wipe (wipe type\_\_\_\_) PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm (QTY) (QTY) ☐ NIOSH 7400\_\_\_\_\_ ☐ Air (OTY) ☐ Residual Ash\_\_\_\_\_ ☐ Fiberglass (QTY) TEM Dust ☐ Soil/Solid \_\_\_(QTY) TEM Air - Please Indicate Filter Type: Qual. (pres/abs) Vacuum/Dust\_\_\_\_(QTY) TCLP\_\_\_\_ PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm Quan. (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) Drinking Water\_\_\_\_ AHERA (OTY) Ouan. (s/area)Dust D6480-99 ■ Waste Water □ NIOSH 7402 \_\_\_\_\_(OTY) TEM Water Dust Wipe Furnace (wipe type \_\_\_\_\_) \_\_\_\_(QTY) Other (specify\_\_\_\_\_ (OTY) ☐ Qual. (pres/abs)\_\_\_\_\_(QTY) ☐ ELAP 198.2/EPA 100.2\_\_\_\_ PLM Bulk Miscellaneous Analysis ☐ EPA 600 - Visual Estimate ☐ EPA 100.1\_\_\_\_\_(QTY) ☐ Radon\_\_\_\_(QTY) ☐ EPA Point Count\_\_\_\_\_ Other (specify\_\_\_\_ \_(QTY) ☐ NY State Friable \* please report in Grav. Reduction ELAP 198.1 Other (specify\_\_\_\_ \_(QTY) SAMPLE ANALYSIS INFORMATION ANALYSIS MATRIX CLIENT CONTACT WATER CLIENT ID VOLUME WIPE NUMBER BULK WIPE (LABORATORY STAFF ONLY) SAMPLE LOCATION AREA TEM PCM PLM LEAD OTHER (LITERS) PRI-092204-001 Date/Time: Contact: PRI-092204-002 PRF-092204-003 RI -092204-004 Date/Time: Contact: PRI-092204-006 PRI -09204-007 PRI-092204-008 Date/Time: Contact: Bv: RF-092204-011 OKI-092204-012 PRI TO 92204-013 LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: / @ Via: By (Print): 2. Date/Time:Analyzed: / @ By (Print) Sign: /\_\_\_\_\_Time OIA Requested Record #J-15 0009 (MD) MAST AVAILABLE DOPY Postero NGB POTAR Egiting Room Released by National Guard Bureau

AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MID 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

130305

Page 358 of 5269

| www.amalab.com                                                   |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
|------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|--------------------------------------|-----------------------------|-------------------|---------|-----------------------------|-----------|-------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|
| Mailing/Billing Informa                                          | ation:                          | 1 ^                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | St                    | ubmitta                              | I Infor                     | matjon            | :       | - 1                         |           | ſ                             |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| 1. Client Name: Army National Guard                              |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       | 1. Job Name: Prince Federick         |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| 2. Address 1: 301-14 Old Bay Lane                                |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | 2.                    | 2. Job Location: Prince Federick, MD |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| 3. Address 2: Havce                                              | de Goice.                       | ND 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | 3.                    | Job#                                 | :                           |                   |         |                             | _         | P.O                           | , #:                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| 4. Address 3:                                                    |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | 4.                    | Conta                                | act Pers                    | <sub>e</sub> Non- | Resp    | onsiv                       | <b>e</b>  |                               | @ pho                       | ne# <u>301 677 368</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | र्                           |  |
| 5. Phone #: 410 942                                              | 0273                            | Fax #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       | Subm                                 |                             |                   |         |                             |           | S                             | ignature:                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
|                                                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | enorma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Informa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | tion (R         |                       |                                      |                             |                   | n as te | chnical                     | v feasi   |                               |                             | A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA | odlacenies menomentenne e me |  |
| Date & Time Results Re-                                          |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | To Toward                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 724b            | - 11/421              | 172                                  | 150                         | David.            |         |                             | T-T-T-T-S | = T ⊇24hı                     | Affer Hours                 | Late-Night* (*must be p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | re-scheduled)                |  |
| □Verbals:                                                        |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 701677          | -                     |                                      |                             | Von-              | Resp    | onsi                        | <u>/e</u> |                               | Austral Tolk                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 5021044404)               |  |
|                                                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - Annual State State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State  | A CANADA PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF TAXABLE PARTY NAME OF |                 | Address of the second |                                      | 9/13X                       | 10111             | тоор    | 01101                       | (         | (A) profession (1) a contrata | STATE STATE OF THE PARTY OF | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  |
| Asbestos Analysis                                                | Eller Maria                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                       |                                      |                             | 0000              |         |                             |           | l Analysi                     |                             | (Affin b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |  |
| PC MCE Porocity                                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | U ELA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | P 198.4/(       | Chatfield             |                                      | (                           | QTY)              |         |                             |           | Paint C                       |                             | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (A) ATTICLES                 |  |
| PC MCE Porosity in a 25mm 37mm INY State PLM/TE NIOSH 7400 (OTY) |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             | I Y)              |         |                             |           | ☐ Dust Wipe (wipe type) (QTY) |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| ☐ NIOSH 7400  ☐ Residual Ash ☐ TEM Dust                          |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             |           |                               | _(QTY)                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| TEM Air - Please Indicate 1                                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (pres/ab        | s) Vacuu              | m/Dust                               |                             | (0                | TY      |                             |           |                               | (C                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PC MCE Porosity                                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | Vacuum                |                                      |                             |                   |         |                             |           |                               | ng Water                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| ☐ AHERA                                                          | (QTY)<br>(OTY)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | Dust D6               |                                      |                             |                   | TY)     |                             | (         | ☐ Waste                       | Water                       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |  |
| ☐ NIOSH 7402<br>☐ Other (specify                                 | (Q11)                           | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EM Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                       |                                      |                             |                   |         |                             | -         | Dust V                        | Vipe Furnace (wij           | pe type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (QTY)                        |  |
| PLM Bulk                                                         | /                               | -(~~ +)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | s)(z                  |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| ☐ EPA 600 - Visual Es                                            | stimate (Q                      | TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | PA 100.               |                                      |                             | (QTY)             |         |                             |           |                               | s Analysis                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| EPA Point Count                                                  | , , ,                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | U EPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100.1           |                       | (QT                                  | Y)                          |                   |         |                             |           | Radon                         |                             | QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |  |
| ☐ NY State Friable                                               | (QTY)                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ,               | , _                   | 112                                  | _                           |                   |         |                             |           | Other (                       | (specify                    | )(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  |
| Grav. Reduction EL.                                              | AP 198.1(                       | (QTY)<br>_(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | # 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | lease r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | epoit           | in                    | يوسر                                 | 42                          |                   |         |                             | •         |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| Other (specify                                                   | SAMPLE ANALYSIS                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       | NALYSI                               |                             |                   |         | MAT                         | TRIX      |                               |                             | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |  |
| · CLIENT ID                                                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | VOLUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                       |                                      |                             |                   |         |                             |           | WATER                         |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| NUMBER                                                           | SAMPLE LOCATION                 | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 | PCM                   |                                      | LEAD                        | OTHER             | AIR     | BULK                        | WIPE      | AND<br>OTHER                  | <u> </u>                    | ABORATORY STAFF ONLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u></u>                      |  |
| PRI-092204 019                                                   | 1,00                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 生文学                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 | A CONTRACTOR          |                                      |                             |                   |         |                             |           |                               | Date/Time:                  | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                          |  |
| PRI-092204 DIS                                                   |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                       |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PRI 092204 DIG                                                   | BLANK                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a de la companya de la companya de la companya de la companya de la companya de la companya de la companya de                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       | HOSE P                               |                             | 44.5%             |         | 1300                        |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PRI -092204 017                                                  | BLANK                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PRI-092204 018                                                   |                                 | 横连岛                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 脚には             | No.                   | 10.75                                |                             | S (A)             |         | 40.0                        |           |                               | Date/Time:                  | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ву:                          |  |
| PRI-092204 019                                                   |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PRI-1092204 11 11 11                                             |                                 | 4.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                       |                                      |                             |                   |         |                             |           | 100                           |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PRI-092204                                                       |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PR= -092204                                                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 體性              | 1946                  |                                      |                             |                   |         |                             |           |                               | Date/Time:                  | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                          |  |
| PR= -092204                                                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       |                                      |                             |                   |         |                             | <u> </u>  | T                             |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| PF-092204                                                        |                                 | 11.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.22.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                       | F253                                 | STATE OF                    | W. 25             | 18.00   |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,                            |  |
| PRI-092204                                                       |                                 | hinana amama an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | Ī                     |                                      |                             |                   |         |                             |           | 1                             |                             | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |  |
| PR==092201                                                       |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Partic          | t sair                | 35                                   |                             | 2000年             |         |                             |           | 5 18 1                        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
| LABORATORYSTA                                                    | FEONDY COUSTON                  | iva -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                       | Ne tra                               | ب رحوم المرادية<br>المرادية | ±314715911        | 北海堡     | (en) 2 2000<br>2000<br>2000 |           |                               | <b>有限型表示</b> ()             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |
|                                                                  | - 50 mm                         | 19 × 17 × 17 × 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4 5 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Via                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 | BEST                  | AV/A4IBA                             | MEGOC                       | PY                |         |                             |           |                               | roMen:                      | ed Record #J 15 0085 (ME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | · ·                          |  |
| May 2018/m                                                       | FOM Weading Room<br>e Analyzed/ | ear y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dv op           | <b>等数等性</b>           |                                      | n ary                       |                   |         |                             | 100       | 路安定                           |                             | d by National Guard Burea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |  |
|                                                                  | Commence of the second second   | A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR | The same of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the last of the la | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s | michial Charles | A                     |                                      |                             |                   |         |                             |           |                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |  |

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS

Client:

National Guard Bureau

Job Name:

Prince Frederick Prince Frederick

Chain Of Custody:

130305

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-St,

Job Location:

Prince Frederick

BPA #W912K6-04-A0002

Date Analyzed:

9/30/2004

No.3722

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.C. Nomber:

Not Provided

Person Submitting:

Attention:



Report Date:

01-Oct-04

Page 1 of 2

## Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number<br>0469885 | Client Sample<br>Number<br>PRI-092204-001 | Analysis Type Furnace | Sample Type<br>Wipe | Air Volume<br>(L) | Area Wiped (ff <sup>e</sup> ) | Reporting<br>Limit |                    | Fotal Re | adt    | Comments |
|---------------------------------|-------------------------------------------|-----------------------|---------------------|-------------------|-------------------------------|--------------------|--------------------|----------|--------|----------|
|                                 |                                           |                       |                     |                   | 0.111                         | 2.70               | ug/fi²             | 5.8      | ug/ft² |          |
| 0469886                         | PRI-092204-002                            | Famace                | Wipe                | ****              | 0.111                         | 2.70               | 12/II3             | 6        | ug/R³  |          |
| 0469887                         | PRI-092204-003                            | Furnace               | Wipe                | 0698              | 0.111                         | 2.70               | ug/ft²             | 4.2      | ug/ft² |          |
| 0469888                         | PRI-092204-004                            | Funsace               | Wipe                | ####              | 0.111                         | 2.70               | ug/fi²             | 4.4      | ug/fi² |          |
| 0469889                         | PRI-092204-005                            | Furnace               | Wipe                | ***               | 0.111                         | 2.70               | ug/fl²             | 5.4      | n8/JJs |          |
| 0469890                         | PRI-092204-006                            | Furnace               | Wipe                | ***               | 0.111                         | 2.70               | ug/ft²             | 8.1      | ug/fl² |          |
| 0469891                         | PRI-092204-007                            | Furnace               | Wipe                | ***               | 0.111                         | 2.70               | ng/ft <sup>a</sup> | 3.1      | ug/ff² |          |
| 0469892                         | PRI-092204-008                            | Furnace               | Wipe                | stop stop         | 0.111                         | 2.70               | ug/ft²             | 3.4      | ug/ft² |          |
| 0469893                         | PRI-092204-009                            | Furnace               | Wipe                | ****              | 0.111                         | 2.70               | цу/(2-             | 4.8      | ug/ft² |          |
| 0469894                         | PRI-092204-010                            | Furnace               | Wipe                | ***               | 0111                          | 2.70               | ug/fit²            | 4.4      | ng/ft² |          |
| 0469895                         | PRI-092204-011                            | Fornace               | Wipe                | ***               | 0.111                         | 2.70               | ug/fi²             | 19       | ug/ft² |          |
| 0469896                         | PRI-092204-012                            | Farnace               | Wipe                | ***               | 0.111                         | 67.51              | ug/ft²             | 490      | ug/ft² |          |
| 0469897                         | PRI-092204-013                            | Fuonace               | Wipe                | ****              | 0.111                         | 2.70               | ug/ff              | 11       | ug/ft² |          |
| 0469898                         | PRI-092204-014                            | Furnace               | Wipe                | ***               | 0.111                         | 2.70               | ug/ff              | 23       | ug/ff² |          |
| 0469899                         | PRI-092204-015                            | Furnace               | Wipe                | ***               | 0.111                         | 6.75               | og/fl²             | 47       | ug/fl² |          |
| 0469900                         | PRI-092204-016                            | Furnace               | Wipe Blank          | HARM              | N/A                           | 0.30               | ng                 | 0.55     | ug     |          |
| 0469901                         | PRI-092204-017                            | Furnace               | Wipe Blank          | 308.808           | N/A                           | 0.30               | ug                 | 0.4      | ug     |          |
| 0469902                         | PRI-092204-018                            | Furnace               | Wipe                | ****              | 0.111                         | 2.70               | ug/fit²            | 8        | ng/ft² |          |
| 0469903                         | PRI-092204-019                            | Fernace               | Wipe                | ****              | 0.111                         | 2.70               | ug/fi²             | 6.7      | ng/ft* |          |

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, - 5 report is submitted and accepted for the exciseive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization an as. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, miless collected by personnel of these Laboratories, we expressly discission any knowledge and bility for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AllERA air samples. This report must not be used to claim, and does not imply product certification, approval, or codorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Prince Frederick Prince Frederick Chain Of Custedy:

130305

Address:

No.3722

301-IH Old Bay Lane, Attn: NGB-AVN-St,

Job Location:

Prince Frederick

Date Analyzed:

9/30/2004

State Military Reservation

Job Number:

Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

P.O. Number:

BPA #W912K6-04-A0002

Resort Date:

01-Oct-04

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Arren Wincd

Reporting

Final Result

Comments

Number

Œ)

(fff)

Limit

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight ug = micrograms

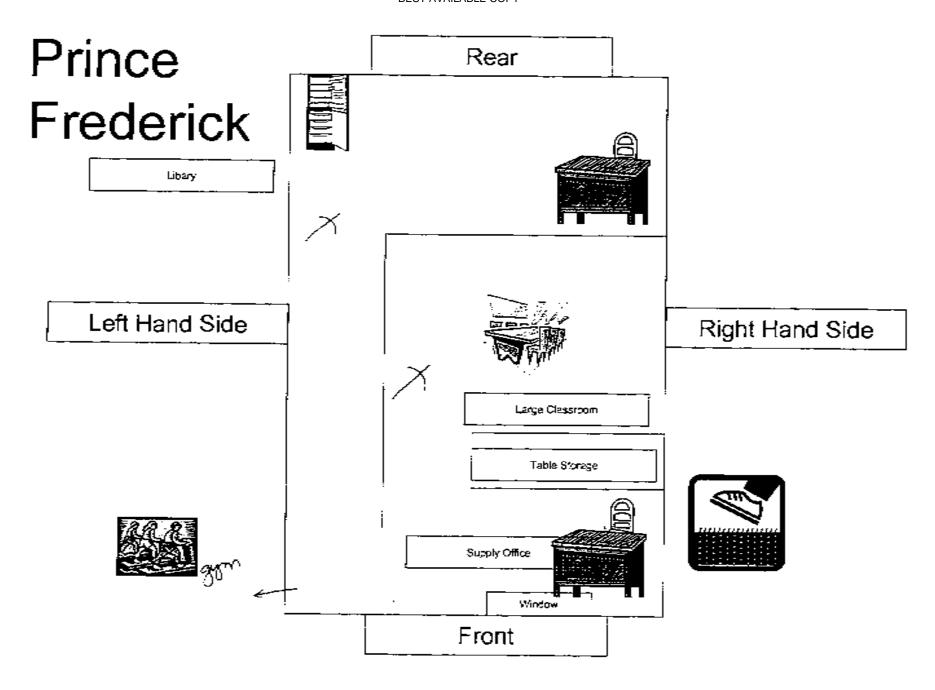
mg/Kg = parts per million (ppm) by weight \_\_mg/L = parts per million (ppm) ug/L.≕ parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Analysi

Technical Manager:

2004





AMA Analytical Services, Inc. AIHA (#8863) NVLAP (#143) NY-ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Pax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

130305

## **CHAIN OF CUSTODY**

| Maning/Billing Inform                                                                                                                                                                                                                                     | my Nationa                                                              | 1 Gin            | cd          |                                         |                           | Su        | bmitta            | Informat<br>ame: | on:          | j       | lorie     | b         |                                    | 15 <sub>1.00</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|-------------|-----------------------------------------|---------------------------|-----------|-------------------|------------------|--------------|---------|-----------|-----------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 1. Chent Name: Ztr                                                                                                                                                                                                                                        | 14 Old Bay L                                                            | 643              | 1(.)        |                                         |                           | 1.        | JOB N             | ame:<br>ocation: | 1000         |         | Drick     | <u> </u>  | <u>N</u>                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| 3. Address 2: Hayre                                                                                                                                                                                                                                       | a Court                                                                 | MM 2             | 1078        |                                         |                           |           |                   |                  |              |         |           |           |                                    | A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR |                                         |
| 4. Address 3:                                                                                                                                                                                                                                             |                                                                         |                  | 30 10       |                                         |                           |           | JOD#:             | ct Person        | on-Res       | spons   | ive       | P.C       | .#:                                | ne#301 677 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7 Ú                                     |
| 5. Phone #: <u>410 942</u>                                                                                                                                                                                                                                |                                                                         | For #            |             |                                         |                           |           |                   |                  |              |         |           |           |                                    | ne# <u>301 % [ ] 7%</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u>                                |
|                                                                                                                                                                                                                                                           |                                                                         |                  |             |                                         |                           |           | ill he n          | rovided as       | coon ac i    | echnic  | ally fear |           | ignature:                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 200000000000000000000000000000000000000 |
| Date & Time Results Re                                                                                                                                                                                                                                    | quired: 10/1                                                            |                  |             | □Immd                                   | . □124h:                  | □48h      | r [72]            | hr 175 Day       | + TIm        | nd. Aft | er-Hours  | * □24h    | r After-Hours*                     | □Late-Night* (*must be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | pre-scheduled)                          |
| □ Verbals:                                                                                                                                                                                                                                                | @ cell #                                                                |                  | <b>∑</b> Fa | x Copy:                                 | 301677                    | 7/32      | - 2<br>(          | o fax #No        | n-Res        | pons    | sive      | □ Emai    | l Copy                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| Asbestos Analysis                                                                                                                                                                                                                                         |                                                                         |                  |             | M Bulk                                  |                           |           | -                 |                  |              |         |           | d Analys  |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| PCM Air - Please Indicate                                                                                                                                                                                                                                 | Filter Type:                                                            |                  |             | □ ELAI                                  |                           |           |                   | (QTY             | , t          |         |           | Paint (   | Chip                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |
| PC MCE Porosity<br>□ NIOSH 7400                                                                                                                                                                                                                           | in a 25mm 57mm<br>(OTY)                                                 |                  |             |                                         |                           | 1/TEM     |                   | (QTY)            |              |         |           | Dust V    | Vipe (wipe type(QT\                | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _(QTY)                                  |
| ☐ Fiberglass                                                                                                                                                                                                                                              | (QTY)                                                                   |                  | TE          | M Dust                                  | iuai Asii_                |           |                   | 11)              |              |         |           | □ Soil/S  | olid(Q1 i                          | _(OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |
| TEM Air - Please Indicate : PC MCE Porosity\                                                                                                                                                                                                              |                                                                         |                  |             | Qual.                                   | (pres/ab                  | s) Vacuur | n/Dust_           |                  | (QTY)        |         |           | ☐ TCLP    | (Q                                 | (TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |
| ☐ AHERA                                                                                                                                                                                                                                                   | (OTY)                                                                   |                  |             | U Quan                                  | . (s/area)<br>. (s/area)) | Vacuum    | D5755-9<br>180-60 | 95               | (QT\<br>(QT\ | Ο,      |           | ☐ Drinki  | ng Water<br>Water                  | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |
| ☐ NIOSH 7402                                                                                                                                                                                                                                              | (QTY)                                                                   | (OTV)            | TE          | M Water                                 |                           |           |                   |                  | (((211)      |         | *         | Dust V    | Vipe Furnace (wit                  | pe type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (OTY)                                   |
| PLM Bulk                                                                                                                                                                                                                                                  | <u> </u>                                                                | (1 I Q).         |             | Qual.                                   | (pres/abs                 | s)        |                   | (QTY)            | _            |         |           |           |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| EPA 600 – Visual Es                                                                                                                                                                                                                                       | stimate(Q'                                                              | TY)              |             | LI ELAI                                 | P 198.2/E<br>100-1        | SPA 100.2 | /OTY              | (QT)             | Ω            |         | Mis       | cellaneou | s Analysis                         | )TV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |
| ☐ EPA Point Count<br>☐ NY State Friable                                                                                                                                                                                                                   | (QTY)                                                                   |                  |             |                                         |                           |           |                   |                  |              |         |           | Other     | (specify                           | QTY)<br>)(QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ()                                      |
| Grav. Reduction EL                                                                                                                                                                                                                                        | AP 198.1(0                                                              |                  | 米           | plea                                    | ie reg                    | eat.      | m                 | 19/2             |              |         |           |           |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| ☐ Other (specify                                                                                                                                                                                                                                          | SAMPLE ANALYSIS I                                                       | (QTY)<br>NEODMAT | ION         | •                                       | ·                         |           | ALYSIS            |                  |              | M       | ATRIX     |           |                                    | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |
| CLIENT ID                                                                                                                                                                                                                                                 |                                                                         |                  | VOLUME      | WIPE                                    |                           | 7 Mil 1   | T KALK DAG        | ,                |              | 144     | A R ICLA  | WATER     |                                    | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                         |
| MILIMADED                                                                                                                                                                                                                                                 | CAMPIET OCAPRON                                                         |                  |             | A IDIT A                                | 517777 A                  | DCD (     | DV AC             | TEATS OW         | ren arn      | W. V 7V |           | AND       |                                    | . D.O.D. 100001100110010010010010010010010010010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         |
| PRT - CO227W-                                                                                                                                                                                                                                             | SAMPLE LOCATION                                                         | DATE             | (LITERS)    | AREA                                    | TEM                       | PCM       | PLM               | LEAD OTF         | ER AIR       | BUL     |           | OTHER     |                                    | ABORATORY STAFF ON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |
| PRI-092204-001                                                                                                                                                                                                                                            |                                                                         |                  | (LITERS)    | AREA<br>∀″X ♥ ′′                        | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       | ~       |           | OTHER     | (L.<br>Date/Time:                  | ABORATORY STAFF ON<br>Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LY)<br>By:                              |
| PRI-092204-001<br>PRI-092204-002                                                                                                                                                                                                                          |                                                                         |                  | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTF         | ER AIR       | ~       |           | OTHER     |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| PRI-092204-001<br>PRI-092204-002<br>PRI-092204-003                                                                                                                                                                                                        |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTF         | ER AIR       |         |           | OTHER     |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| PRI-092204-001<br>PRI-092204-002<br>PRI-092204-003<br>PRI-092204-004                                                                                                                                                                                      |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTF         | ER AIR       |         |           | AND       | Date/Time:                         | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001<br>PRI-092204-002<br>PRI-092204-003<br>PRI-092204-004<br>PRI-092204-005                                                                                                                                                                    |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | AND       |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |
| PRI-092204-001<br>PRI-092204-002<br>PRI-092204-003<br>PRI-092204-004<br>PRI-092204-005<br>PRI 9/2204-006                                                                                                                                                  |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | AND       | Date/Time:                         | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-92204-006                                                                                                                                                                  |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | OTHER     | Date/Time:                         | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-006 PRI-09204-007                                                                                                                                                    |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | ANDOTHER  | Date/Time:  Date/Time:             | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-008 PRI-09204-008                                                                                                                        |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | AND       | Date/Time:                         | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-005 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-009                                                                                                                       |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | ANDOTHER  | Date/Time:  Date/Time:             | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-009 PRI-09204-010 PRI-092204-011                                                                                                         |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | OTHER     | Date/Time:  Date/Time:             | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-009 PRI-09204-010 PRI-092204-011 PRI-092204-011                                                                                          |                                                                         | DATE             | (LITERS)    |                                         | TEM                       | PCM       |                   | LEAD OTH         | ER AIR       |         |           | AND       | Date/Time:  Date/Time:             | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-009 PRI-09204-010 PRI-092204-011 PRI-092204-013                                                                                          |                                                                         | DATE             | (LITERS)    | 1'X 4'1'                                |                           |           |                   |                  |              |         |           | OTHER     | Date/Time:  Date/Time:  Date/Time: | Contact:  Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-09204-007 PRI-09204-007 PRI-09204-009 PRI-09204-010 PRI-092204-011 PRI-092204-013                                                                                          | FF ONLY: (EUSTOD                                                        | DATE             | (LITERS)    | 1'X 4'1'                                |                           |           |                   |                  |              |         |           | OTHER     | Date/Time:  Date/Time:  Date/Time: | Contact:  Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | By:                                     |
| PRI-092204-001 PRI-092204-002 PRI-092204-003 PRI-092204-004 PRI-092204-006 PRI-092204-006 PRI-09204-007 PRI-09204-009 PRI-09204-010 PRI-092204-011 PRI-092204-013 LABORATORY STA                                                                          | FF ONLY: (EUSTOD)                                                       | DATE             | (LITERS)    | 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                           | G.        |                   |                  |              |         | es        | OTHER     | Date/Time:  Date/Time:             | Contact:  Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | By:                                     |
| PRI -092204-001 PRI -092204-002 PRI -092204-003 PRI -092204-004 PRI -092204-006 PRI -09204-007 PRI -09204-007 PRI -09204-010 PRI -09204-011 PRI -092204-011 PRI -092204-013 LABORATORY STA  1. Date/Tim  2. Date/Tim                                      | FF ONLY: (GUSTOD) e RCVD:                                               | DATE             | (LITERS)    | 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | By (Print)                |           | Ву                | (Print)          |              |         |           | OTHER     | Date/Time:  Date/Time:             | Contact:  Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | By:                                     |
| PRI - 092204 - 001 PRI - 092204 - 002 PRI - 092204 - 003 PRI - 092204 - 004 PRI - 092204 - 006 PRI - 092204 - 007 PRI - 092204 - 007 PRI - 092204 - 010 PRI - 092204 - 011 PRI - 092204 - 012 PRI - 092204 - 013 LABORATORY STA  1. Date/Tim  2. Date/Tim | FF ONLY: (CUSTOD) e RCVD: / e Analyzed: / eported To: FOIA Reading Room | DATE             | (LITERS)    | 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | By (Print)                |           | Ву                |                  |              |         | es        | OTHER     | Date/Time:  Date/Time:  Date/Time: | Contact:  Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | By:  By:                                |

|                    |                        | 8                                                         | ULK SAMPI      | E DATA       |                                        |          | · · · · · · · · · · · · · · · · · · · | 7                     |
|--------------------|------------------------|-----------------------------------------------------------|----------------|--------------|----------------------------------------|----------|---------------------------------------|-----------------------|
|                    | Fo                     | or use of this form s                                     | e USAERA TG    | 141: the pro | ponent is                              | HSHB-LO  | o <b>.</b>                            | 1                     |
| rvarwnac           | Quart Duren            | omplete address<br>w.,301111 OloBAY.<br>Valton , Havre De | lABIR AHU NIGO | Augal ST     | Non-                                   | Resp     | t (name/AUTOVON) ONSIVE - Ø273 Ext 18 |                       |
| Sample             | d Installatio          | ก                                                         | Project Num    |              |                                        | LOC      | 0213 271 10                           | -{                    |
|                    | Frederic               |                                                           | _              |              | ''''                                   |          |                                       |                       |
| Sample<br>Non-Resp | s Collected            | Ву                                                        | Date Collect   | ed           | Dat                                    | e Shipp  | ed                                    | -                     |
|                    |                        |                                                           | 092204         | ,            |                                        |          |                                       |                       |
| Descrip<br>Conver  | tion of Open           | ing range (                                               | in processo    | f boing a    | Loc                                    | ation    | (BLDG/AREA)                           |                       |
| Associa            | ated Compla            | ing sange (                                               | loacing cent   | tn, carp     | ch, desko,                             | diep C   | cileig)                               | 1                     |
| Associa<br>Ye      | ated Air Sar<br>a X No | nples                                                     | lf yes, list   | sample n     | nwpera                                 |          |                                       |                       |
|                    |                        |                                                           | Label Inform   | ation        |                                        |          | ·                                     | 1                     |
| Trade N            | tame                   | N                                                         | SN             | Ма           | nufacture                              | r        |                                       | 1                     |
| Address            | 3                      |                                                           | ·····          | мѕ           | DS Attacl                              | hed      |                                       | 1                     |
|                    |                        |                                                           |                | ĺ            | Yes                                    |          | No                                    |                       |
|                    | S Desired              | ead Wipes                                                 | - Furnace      | nethe        | o d                                    |          |                                       |                       |
| Lab Use<br>Only    | Sample<br>No.          | Constitu                                                  | ents           | Res          | ults                                   |          | Remarks                               |                       |
|                    | P(2-1 092201           |                                                           |                |              |                                        | 1        | wall LHS                              |                       |
|                    | 001                    | ·                                                         |                | -            |                                        |          | trom troot                            | <u>]</u> · ·          |
|                    | PR1 69284              |                                                           | İ              |              |                                        |          | wall center                           |                       |
|                    | 181092204              |                                                           |                | <del>-</del> | ······································ |          | From Goor                             |                       |
|                    | 003                    |                                                           | İ              |              |                                        |          | rts                                   |                       |
|                    | 141 092204             |                                                           |                |              |                                        | LHS a    | Grow Hoor<br>Dall (Hallway too)       | inatham               |
|                    | 004                    |                                                           |                |              |                                        |          | ear wall in insert                    | bottom<br>side<br>(L) |
|                    | PK1 092209             |                                                           |                |              | <del></del>                            | LHS C    | vall 2ft from door                    | tocksour              |
| <del></del> .      | 005                    |                                                           |                |              |                                        | f .      | above floor                           |                       |
| Comment            | ts to Lab              |                                                           |                |              | (C                                     |          | ed on other side)                     |                       |
|                    |                        |                                                           | Lab Use O      | niy          | ··                                     |          |                                       | i                     |
| Analyst            | (initials)             | Reviewed E                                                | y (initials)   | Da           | te Receiv                              | /ed      | Date Reported                         |                       |
| Procedur           | es Perform             | ed Com                                                    | ments:         |              |                                        |          |                                       |                       |
|                    |                        | OIA Reading Room                                          | BEST AVAIL     | ABLE COPY    | FOIA                                   |          | Record #J-15-0085 (MD)                |                       |
| AEHA For           | ·May 20181 Oct         | 84                                                        |                |              |                                        | Released | Dago 363 of 5260                      | -                     |

Page 363 of 5269

| BULK SAMPLE DATA |                                                 |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|------------------|-------------------------------------------------|---------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| ab Use<br>Only   | Sample<br>No.                                   | Constituents                          | Results      | Remarks                                                                                                                                             |  |  |  |  |  |
|                  | BEN 0-25504                                     |                                       |              | •                                                                                                                                                   |  |  |  |  |  |
|                  | 1000<br>PRI 592204<br>DO 7<br>PRI 592204<br>OOS |                                       |              | CHS wall apposite standard Closed At Front floor  PHS rear rear well  TH Gom floor  RHS large classroom  Center of room 24 flood  RHS supply office |  |  |  |  |  |
|                  | PR1092209                                       | · · ·                                 |              | CHOSEN ZA- CHOICE HOLE                                                                                                                              |  |  |  |  |  |
|                  | PR 017101                                       | <del></del>                           | ·            | THE GOW FLOOR                                                                                                                                       |  |  |  |  |  |
|                  | 008                                             |                                       | ]            | RIFS large classroom                                                                                                                                |  |  |  |  |  |
|                  | 009                                             |                                       | <del></del>  | Center of 100m 287 (100                                                                                                                             |  |  |  |  |  |
|                  | 009                                             |                                       |              | next to bokshelf 501                                                                                                                                |  |  |  |  |  |
|                  | PKI 09224                                       | · · · · · · · · · · · · · · · · · · · |              |                                                                                                                                                     |  |  |  |  |  |
|                  | PRI 6992 NJ                                     | <u> </u>                              |              | In teat toom 1419 stro                                                                                                                              |  |  |  |  |  |
|                  | 011                                             |                                       | -            | Above dispersions                                                                                                                                   |  |  |  |  |  |
|                  | PR1092704                                       |                                       | <del></del>  | Above deop ceiling p<br>in rear roomy 18 25m<br>Above chropceiling<br>acoustic file<br>Metal crossbern in rea                                       |  |  |  |  |  |
|                  | 0/2<br>181071104                                | ·                                     |              | Com a house come of                                                                                                                                 |  |  |  |  |  |
|                  | 0/3                                             |                                       | <u> </u>     | bow above your war i                                                                                                                                |  |  |  |  |  |
| <del></del>      | PRIOGEREN                                       | <del>,</del>                          | -,. <u>-</u> | Rear from hase board                                                                                                                                |  |  |  |  |  |
|                  | 0/4                                             | 1                                     |              | Rear from hase board                                                                                                                                |  |  |  |  |  |
| T                | PR1 092284                                      | <del></del>                           | <del></del>  | 3 rd one on LKS                                                                                                                                     |  |  |  |  |  |
| —J               | 015                                             |                                       |              | Stocke Labor west to                                                                                                                                |  |  |  |  |  |
| [                | PRI 092701                                      |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|                  | PRI 0 20200                                     |                                       | <u></u>      | Blank.                                                                                                                                              |  |  |  |  |  |
|                  | PRI 0222011<br>D17                              |                                       |              | Rlask                                                                                                                                               |  |  |  |  |  |
| fi               | PRI 04 2204                                     |                                       | <del></del>  | Dosewsy by August                                                                                                                                   |  |  |  |  |  |
| <del> </del> ,   | 018<br>010304                                   | <u>, ·, l</u>                         |              | Blank  Doctory between range acce & gymnesis                                                                                                        |  |  |  |  |  |
| ľ                | 019                                             |                                       |              | file cubinet top in liberry                                                                                                                         |  |  |  |  |  |
| $\neg \neg$      | <del></del>                                     | <del></del>                           |              |                                                                                                                                                     |  |  |  |  |  |
|                  | <u></u>                                         |                                       |              | }                                                                                                                                                   |  |  |  |  |  |
| - 1              |                                                 |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|                  | —————                                           | <u></u>                               | <u> </u>     |                                                                                                                                                     |  |  |  |  |  |
|                  |                                                 |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|                  |                                                 | <del></del>                           |              | ·                                                                                                                                                   |  |  |  |  |  |
|                  |                                                 | 1                                     |              |                                                                                                                                                     |  |  |  |  |  |
| 1                |                                                 |                                       |              | <del></del>                                                                                                                                         |  |  |  |  |  |
| <del></del>      | ··———                                           | - <del></del>                         |              |                                                                                                                                                     |  |  |  |  |  |
| {                | 1 .                                             |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|                  |                                                 | <del></del>                           | <u> </u>     | <del></del>                                                                                                                                         |  |  |  |  |  |
|                  |                                                 |                                       |              |                                                                                                                                                     |  |  |  |  |  |
|                  | [                                               |                                       | <del></del>  | <del>                                     </del>                                                                                                    |  |  |  |  |  |
| <b>─</b> ─-∤     | —— <del> </del> ——                              | <u></u>                               | <u> </u>     |                                                                                                                                                     |  |  |  |  |  |
|                  |                                                 |                                       |              |                                                                                                                                                     |  |  |  |  |  |
| <del></del>      | <del></del> -                                   | ·                                     | <u> </u>     | <u> </u>                                                                                                                                            |  |  |  |  |  |
| _                |                                                 | }                                     |              |                                                                                                                                                     |  |  |  |  |  |
| {                |                                                 | <del></del>                           |              | <del> </del>                                                                                                                                        |  |  |  |  |  |
| <del></del>      | <del>_</del>                                    |                                       |              |                                                                                                                                                     |  |  |  |  |  |
| .                |                                                 |                                       |              | <del></del>                                                                                                                                         |  |  |  |  |  |
| <del></del> -    | · <del></del>                                   |                                       |              | <u> </u>                                                                                                                                            |  |  |  |  |  |
| [                |                                                 |                                       | <del></del>  | ·                                                                                                                                                   |  |  |  |  |  |

Posted to NGB FOIA Reading Room May, 2018

Released by National Guard Bureau Page 364 of 5269

|                    |                                                    | В                  | ULK SAMPI       | E DATA        | <del></del>                 | <u> </u>                   | 7                     |
|--------------------|----------------------------------------------------|--------------------|-----------------|---------------|-----------------------------|----------------------------|-----------------------|
|                    | For us                                             | se of this form se | e USAERA TG     | 41: the propo | nent is HSHB-               | .o.                        |                       |
| renonac            | Address (com<br>Guard Bureau ,<br>litary Reservati | plete address      | including Zip ( | Code)         | Point of Control<br>Non-Res | ot (name/AUTOVON) OONSIVE  |                       |
| Sample             | d installation                                     |                    | Project Num     |               | ARLOC                       | 0273 Ext 18                | -{                    |
|                    | Frederick                                          | MD                 | _               |               |                             |                            |                       |
| Sample<br>Non-Resp | s Collected By<br>ponsive                          |                    | Date Collect    |               | Date Ship                   | ped                        | 1                     |
| Descrip            | tion of Operati                                    | on.                | 092204          |               |                             |                            | _                     |
| Conver             | ted Living                                         | a source 1         | ا د د د د د د د |               | Location                    | (BLDG/AREA)                |                       |
| Associa            | ted finine                                         | (be specific)      | learning cent   | in, carpet    | , desks, drep               | Eleling)                   | 1                     |
|                    | ated Air Sample                                    |                    | <del></del>     | sample num    |                             |                            | -                     |
|                    |                                                    |                    | Label Inform    | ation         |                             |                            | -                     |
| Trade N            | lame                                               | N                  | SN              | Manu          | facturer                    |                            | 1                     |
| Address            | 3                                                  |                    | <del></del>     | MSDS          | Attached                    | <del></del>                | 4                     |
|                    |                                                    |                    |                 |               | Yes                         | П ио                       |                       |
| Analysis           | Desired Lea                                        | d Wives.           | - Furnace       | mall          | <u> </u>                    |                            | 1                     |
| Lab Use<br>Only    | Sample<br>No.                                      | Constitu           |                 | Result        |                             | Remarks                    |                       |
|                    | PP-1 092201                                        | <del></del>        | ·               | <del></del>   | rear                        | wall LHS                   | 1                     |
|                    | 001                                                |                    |                 |               | 29                          | from floor                 |                       |
|                    | PR1 6 9224                                         |                    |                 |               | rear                        | wall center                | 1                     |
|                    | 181 092204                                         |                    |                 |               |                             | from Goor                  |                       |
| •,                 | 003                                                |                    | İ               |               |                             | wali RHS                   |                       |
|                    | 191 092201                                         |                    | <del></del>     |               | 7.4                         | wall (Hallway too)         | موملد .               |
|                    | 004                                                |                    | ļ               |               |                             |                            | bottom<br>side<br>(2) |
|                    | PR1 092204                                         |                    |                 |               | LHS                         | rear asall in insert       | (L)<br>tochesno       |
| <del></del>        | 005                                                |                    |                 |               |                             | above floor                | [ ]                   |
| Comment            | ts to Lab                                          |                    |                 |               |                             | ed on other side)          |                       |
|                    | · · · · · · · · · · · · · · · · · · ·              |                    |                 |               |                             |                            |                       |
|                    |                                                    |                    | Lab Use Or      | nly           |                             |                            |                       |
| Analyst            | (initials)                                         | Reviewed B         | y (initials)    | Date          | Received                    | Date Reported              |                       |
| Procedur           | es Performed                                       | Comr               | nents:          |               |                             | 1                          |                       |
| A. C. L. C.        | Posted to NGB FOIA                                 | Reading Room       | REST AVAII      | ARLE COPY     | — FOIA Regues               | ed Record # J 15 0085 (MD) |                       |

| BULK SAMPLE DATA |                     |                                        |                |                                                                                                             |  |  |  |  |  |
|------------------|---------------------|----------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| b Use<br>Only    | Sample<br>No.       | Constituents                           | Regulta        | Hemerka                                                                                                     |  |  |  |  |  |
|                  | PRI 692204          | <u> </u>                               | <del></del> -  |                                                                                                             |  |  |  |  |  |
|                  | FRI 592204          | <del></del>                            | <u> </u>       | LHS wall opposite stores                                                                                    |  |  |  |  |  |
|                  | 007<br>PRI 0 12204  |                                        |                | PAS near rear wall                                                                                          |  |  |  |  |  |
|                  | 008                 |                                        | <u> </u>       | RHS large classroom                                                                                         |  |  |  |  |  |
|                  | 009<br>009          |                                        | <del></del>    | RHS large classroom                                                                                         |  |  |  |  |  |
| -                | PK1048204.          | <u></u>                                |                | RKS supply office<br>next to bookshelf 5H from                                                              |  |  |  |  |  |
|                  | 181 092204          |                                        | · ·            | Above drop ceiling panels in clar room 1413 z From Above drop ceiling acoustic file Metal crossbeam in rear |  |  |  |  |  |
| 1                | 01/<br>01/          |                                        | <del> </del>   | Above desperition                                                                                           |  |  |  |  |  |
| ···              | PRI 092204          |                                        | ļ              | acoustic file                                                                                               |  |  |  |  |  |
|                  | 0/2<br>PRI 0 98204. | <del></del>                            | j              | Metal Crassperon in rear                                                                                    |  |  |  |  |  |
| {                | 0/3                 |                                        |                | Rept room Quer en                                                                                           |  |  |  |  |  |
|                  | PRIOGERAL           | <del></del>                            | <del> </del>   | Rear Foom base board her                                                                                    |  |  |  |  |  |
|                  | 0/4<br>PR1 09 1204  |                                        | <u></u>        | 3rd one on LKS                                                                                              |  |  |  |  |  |
|                  | 015                 | <u> </u>                               | _              | 3rd one on LHS                                                                                              |  |  |  |  |  |
| ۴                | PRI 092704          |                                        |                | Storage room next to all                                                                                    |  |  |  |  |  |
| 7                | R1 022704           | <del></del>                            |                | BLANK                                                                                                       |  |  |  |  |  |
|                  | D/7 1               |                                        |                | Blank                                                                                                       |  |  |  |  |  |
|                  | 018                 |                                        | •              | Doorway between cange area a gymnasium                                                                      |  |  |  |  |  |
| ۱                | 014                 |                                        | <u> </u>       | Rile cabinet top in library                                                                                 |  |  |  |  |  |
| <del> </del> -   | <del></del>         | —————————————————————————————————————— | <del></del>    | With Stability Cale in compa                                                                                |  |  |  |  |  |
| —{-              |                     |                                        | <u> </u>       |                                                                                                             |  |  |  |  |  |
|                  |                     |                                        |                |                                                                                                             |  |  |  |  |  |
|                  |                     |                                        |                | <del></del>                                                                                                 |  |  |  |  |  |
| 一十               |                     | <del></del>                            |                |                                                                                                             |  |  |  |  |  |
|                  | <del></del> -       |                                        |                |                                                                                                             |  |  |  |  |  |
|                  |                     |                                        | <u> </u>       | <del>  -</del>                                                                                              |  |  |  |  |  |
|                  |                     |                                        | <del></del>    | ·                                                                                                           |  |  |  |  |  |
|                  | <del> -</del>       |                                        |                | <u> </u>                                                                                                    |  |  |  |  |  |
|                  |                     |                                        |                |                                                                                                             |  |  |  |  |  |
|                  | !                   |                                        | <del></del>    | <del> </del>                                                                                                |  |  |  |  |  |
| -+               | <del></del>         |                                        | _ <del>.</del> |                                                                                                             |  |  |  |  |  |
| <del>-  </del>   | <del>+-</del> -     |                                        |                |                                                                                                             |  |  |  |  |  |
|                  |                     |                                        |                |                                                                                                             |  |  |  |  |  |
| Ţ                |                     | <del></del>                            | <del></del>    | <del> </del>                                                                                                |  |  |  |  |  |
| <del>-  </del> - | <del></del>         |                                        |                |                                                                                                             |  |  |  |  |  |
|                  |                     |                                        |                |                                                                                                             |  |  |  |  |  |
| ļ                |                     |                                        | <del></del>    | ļ                                                                                                           |  |  |  |  |  |

# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Queen Anne Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the two Queen Anne Armory Indoor Firing Range conversion/construction projects have been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Lead surface clearance samples were collected by an individual from Waste-Tron of Maryland, Inc. and analyzed by Caliber Analytical Service. Post clearing surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



L GUARD BUREAU
ATIONAL GUARD
DUSTRIAL HYGIENE OFFICE
NGB-ARS-IHNE
OLD BAY LANE
8 GRACE, MD 21078

24 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Salisbury Armory Indoor Firing Range

- 1. An email dated 24 August 2006 from the CFMO stated that the Salisbury Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist

CF: Non-Responsive

# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

11 September 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Old Towson Armory Indoor Firing Ranges

- 1. An email dated 8 September 2006 from the CFMO stated that the Old Towson Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



#### NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-THNE

11 September 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5th Regiment Armory, 29th Division Street, Baltimore, MD 21201

SUBJECT: Old Towson Armory Indoor Firing Ranges

- 1. An email dated 8 September 2006 from the CFMO stated that the Old Towson Armory Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. lon-Responsive t (410) 942-0273 x23.



May, 2018

#### Non-Responsive CIV NGB

From: Non-Responsive LTC (RET) MDARNG

Sent: Friday, September 08, 2006 5:44 PM

To: Non-Responsive CIV NGB Non-Responsive CIV NGB

Cc: Non-Responsive CIV MDARNG Non-Responsive SPC MDARNG

Subject: Towson (old) Readiness Center, 307 Washington Avenue, Towson, Maryland 21204-4765

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road Baltimore, MD 21212

410-377-0500

Mr. Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

Vir

Non-Responsive

d d d d d d d d d d d d d d d BEST AVAILABLE COPY D D D

Towson (ON) Clear IV 25 JUL 2006

(FLOOR)

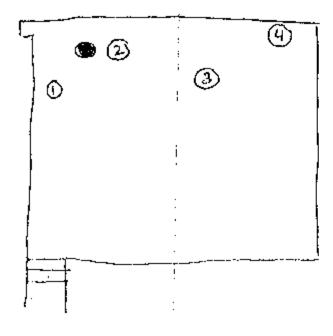
20060725 TW501 21 from tropwell, adjust to @ Wall

02 6 from topwell. & from @ well

03 15' from trepwell, 9' from @ well

O4 3 from tap will, 3 from @ will

05 - BLANK



BEST AVAILABLE COPY



A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear

Chain Of Custody:

150785

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SL

Job Location:

Towson Armory (Old)

Date Submitted:

6/1/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

6/1/2006

Report Date:

01-Jun-06

Attention:



#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>mit | F | inal Rest | ult             | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|---------------|---|-----------|-----------------|----------|
| 0654043              | 20060530TOW01           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 12000     | ug/ft²          |          |
| 0654044              | 20060530TOW02           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 2300      | ug/ft²          |          |
| 0654045              | 20060530TOW03           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |   | 1100      | ug/ft²          |          |
| 0654046              | 20060530TOW04           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²          |          |
| 0654047              | 20060530TOW05           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²          |          |
| 0654048              | 20060530TOW06           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |   | 160       | ug/fl²          |          |
| 0654049              | 20060530TOW07           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²          |          |
| 0654050              | 20060530TOW08           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 760       | ນ <u>ໆ</u> /ft² |          |
| 0654051              | 20060530TOW09           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²          |          |
| 0654052              | 20060530TOW10           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |   | 300       | ug/ft²          |          |
| 0654053              | 20060530TOW11           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²          |          |
| 0654054              | 20060530TOW12           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |   | 18000     | ug/ft²          |          |
| 0654055              | 20060530TOW13           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 130       | ug/ft²          |          |
| 0654056              | 20060530TOW14           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/fl²          |          |
| 0654057              | 20060530TOW15           | Flame         | Wipe        | 郑郑林林              | 0.111               | 108.01 | ug/fl²        | < | 110       | ug/ft²          |          |
| 0654058              | 20060530TOW16           | Flame         | Wipe Blank  | 沟塘岭岭              | N/A                 | 12.00  | ug            | < | 12        | ug              |          |
| 0654059              | 20060530TOW17           | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug            | < | 12        | ug              |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report most not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Polyagod by National Guard Burger 4475 Forbes Bivd. • Lanham. MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 Page 373 of 5269

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

Havre de Grace, Maryland 21078

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear

Chain Of Custody:

150785

301-IH Old Bay Lane, Attn: NGB-AVN-SL Address:

Job Location:

Towson Armory (Old)

Date Submitted:

6/1/2006

State Military Reservation

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting: Date Analyzed:

6/1/2006

Report Date:

01-Jun-06

Attention:



#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

associated with these samples.

Final Result

Comments

Number

**(L)** 

(ft<sup>2</sup>)

Limit

See QC Summary for analytical results of quality control samples

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water; SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result,

Air and Wipe results are not corrected for any blank results

on-Responsiv Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.





## QC Summary

Sample Delivery Group: 12990

Analysis Type:

Result

Flarno

Sample Type:

Wipe 6/1/2006

Analysis Dato:

0.071

0.3695

Percent. Recovery

Comment

| Preparation Hlank                |       |  |
|----------------------------------|-------|--|
| Report Limit Verification Sample |       |  |
| Expected Spike Level (nom)       | 0.333 |  |
| Doplicate Sample 1               |       |  |
|                                  |       |  |

| ppm  |  |
|------|--|
| pptn |  |

111.0%

88.57%

Acceptable Acceptable

| Doplicate Sample 1 |  |
|--------------------|--|
| Duplicate Sample 2 |  |
|                    |  |

mg/Kg mg/Kg

Acceptable

Matrix Spike Analysis Spiked Sample

RPD

Acceptable Acceptable

Spike Duplicate Laboratory Control Sample 1

Laboratory Control Sample 2

282 321 286.607

100.14% μB 100.04% 超

0.11%

Acceptable Acceptable

#### Calibration Information

Correlation of Calibration Curve:

0.999783

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number AMA Sample Number Chain Of Custody 150785

150785

54043 54044 20060530TOW01

SDG Number:

12990

2006053@TOW02

Page Lof 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150785           | \$4045            | 20060530TOW03        |
| 150785           | 54046             | 20060530TOW04        |
| 150785           | 54047             | 20060530TOW05        |
| 150785           | 54048             | 20060530TOW06        |
| 15078\$          | 54049             | 20060530TOW07        |
| 150785           | 54050             | 20060530TOW08        |
| 150785           | 54051             | 20060530TOW09        |
| 150785           | \$4052            | 20060530TOW10        |
| 150785           | 54053             | 20060530TOW11        |
| 150785           | 54054             | 20060536TOW12        |
| 150785           | 54055             | 20060530TOW13        |
| 150785           | 54056             | 20060530TOW14        |
| 150785           | 54057             | 2006053010\V15       |
| 150785           | 54058             | 20060530TOW16        |
| 150785           | 54059             | 20060530TOW17        |
|                  |                   |                      |

SDG Number: 12990 Page 2 of 2



AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

BEST AVAILABLE COPY

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

150785

Page 377 of 5269

| Mailing/Billing Information 1. Client Name: N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     | 1 13                       |                                        |                          |                       | Subm                    | ittal L        | oform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ation:       |                        | 10              |                | <u></u>                      |                  | ж.<br>Ж                               | <i>.</i>                            |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------|----------------------------------------|--------------------------|-----------------------|-------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|-----------------|----------------|------------------------------|------------------|---------------------------------------|-------------------------------------|---------------------------------------|
| 1. Client Name: 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | GD KEGION I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ODEAN.                              | 1 (                        |                                        | 486.                     |                       | 1. Jo                   | b-Nam          | ie:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Town         | <u>son</u>             | Λ.              | 1102)          |                              | 100              |                                       |                                     |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | <u> </u>                   | ······································ | 1990 S                   |                       | . 2. Jo                 | b Loca         | ition:_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | د مران :     | >00                    | See Start .     | mer            |                              |                  |                                       |                                     |                                       |
| 3. Address 2: Hab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | My 21014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u> </u>                            |                            |                                        |                          | .,                    | 3 <sup>3,124</sup> Jo   | b#:            | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s | Non          | -Re                    | spor            | nsive          |                              | P.O              | ), #:                                 |                                     | · · · · · · · · · · · · · · · · · · · |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | 11112                      | 2000 00                                |                          |                       | . 4. Co                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  | @phone;                               | # 54 Mg                             |                                       |
| 5. Phone #: 4/0 942                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Notation of emperiment was all the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c | Assistant interpretational access   |                            | 142 OZ                                 |                          | (was in the second    | . 5. Su                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        | TOTAL PROPERTY. |                | One has the server           |                  | Signature:Non-                        | -Responsive                         |                                       |
| Please include COC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | field data sheets with                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | results                             | Repor                      | ting Infor                             | mation                   | (Res                  | ults will b             | e prov         | vided a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | is soon      | ı as tı                | echnic          | ally fe        | easible                      | e):              |                                       |                                     |                                       |
| Date & Time Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | tequired:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _1 <u>_1_0</u> _@                   | 1093                       | Imr                                    | nd. 🔀                    | 24hr                  | ∐48hr                   | 72hr           | 5 D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ay + L       | Imn                    | ıd. Aft         | er-Ho          | urs* [                       | ]]24b            | r After-Hours* 🔲                      | Late-Night* (*must be               | pre-scheduled)                        |
| ☐ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                            | → Fax Cop                              | у:                       | Mindridge<br>Amerikan |                         | @ f            | ax #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                        |                 |                |                              | Emai             | 1 Copy:                               |                                     |                                       |
| Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            | TEM Bul                                |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        | 1.              | I              | ead A                        |                  |                                       |                                     |                                       |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | e Filter Type:<br>in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |                            | UEI                                    | LAP 193                  | 8.4/Ch                | atfield<br>FEM          |                | (QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Y</b> )   |                        | -               |                | Ų.                           | Paint (          | Chip(                                 | QTY)<br>                            | (AMILE                                |
| □ NIOSH 7400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     |                            |                                        | r State<br>esidual       | Ash                   | I E.WI                  | (QTY           | ~(Q11<br>(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ,            |                        |                 |                |                              | Dust v<br>Air    | wipe (wipe type <u>CF //</u><br>(QTY) | <u>~S~; )</u>                       | (Q1Y)                                 |
| ☐ Fiberglass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            | TEM Dus                                | <u>it</u> '              |                       |                         | 4              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                | <u> </u>                     | Soil/S           | olid((                                | QTY)                                |                                       |
| TEM Air – Please Indicate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | e Filter Type:in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                            | □ Qı                                   | ual. (pre                | s/abs)                | Vacuum Q                | ıst            | (militinaliste d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QT          | TY)                    |                 |                |                              | TCLP             | (QTY                                  | ()                                  |                                       |
| ☐ AHERA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     | \$                         | u Qı                                   | uan. (s/a                | area) V               | acuum D57<br>ust D6480- | 55-95          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | (QTY                   | )               |                |                              |                  | ing Water                             |                                     |                                       |
| □ NIOSH 7402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | .5.<br>.8.                 | TEM Wat                                |                          | nea)D                 | ust 100400-             | \$ F           | No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (Q1          | 1)                     |                 |                |                              |                  | Water<br>Vine Furnace (wine to        | _(Q11)<br>ype)                      | (OTY)                                 |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (QTY)                               |                            | <b>Q</b> .Qt                           | aal. (pre                | s/abs)                | Marie Company           | (Q1            | ry) 🥆                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                        |                 |                |                              | Dane ,           | ripo i dinaco (wipo c                 | /po                                 | (4.1)                                 |
| ☐ EPA 600 - Visual 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Estimate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (QTY)                               |                            |                                        | AP 198                   | 3.2/EP                | A 100.2                 | 31.            | (Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TY)          |                        | · · ·           |                |                              |                  | t Microscopic Analy                   |                                     |                                       |
| EPA Point Count_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                   |                            |                                        |                          |                       | ((                      |                | ~*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                        |                 |                |                              |                  |                                       | ☐ Bulk(QT)                          |                                       |
| ☐ NY State Friable_<br>☐ Grav. Reduction E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY)                               | ,                          | XI AI                                  | l sampl                  | es rece               | eived in goo            | d cond         | ition un                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | less oth     | nerwis                 | e noted         | l.             |                              | Surfac<br>Surfac | e Tape (OTY                           | Y) Surface Vacuum Di Other (Specify | ust(QTY)<br>)(OTY                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                            | TEN (TEN                               | 1 Water                  | sampl                 | es                      | (C)            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  | , , , , , , , , , , , , , , , , , , , | ) = 0 alo: (0 poori)                |                                       |
| Or troom to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAMPLE INFORM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ATION                               |                            |                                        |                          | , Al                  | NALYSIS                 | , 9            | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | , ×          | , A                    | IATR            | CX             | 1 60                         | , 49             | . ,                                   | CLIENT CONTACT                      |                                       |
| CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SAMPLE LOCATION<br>IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DATE                                | (LITERS)                   |                                        |                          | \ \tilde{\gamma}      | VALYSIS                 | Į į            | A A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BULK         | \ \frac{\delta}{2}     | 1 4 5 E         |                | A SE                         | SWAB             | / (LAB                                | ORATORY STAFF ON                    | LY)                                   |
| 20060535700001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLOOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/30/00                             | •                          | 4"×4"                                  |                          |                       | <u> </u>                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | $\times$               |                 |                |                              |                  | Date/Time:                            | Contact:                            | Ву:                                   |
| 1 1 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            |                                        |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  |                                       |                                     |                                       |
| V V V V 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            |                                        |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  |                                       |                                     |                                       |
| 120060530TOWO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | - South                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |                            |                                        |                          |                       | -0072                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  |                                       |                                     |                                       |
| 1 1 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | 10.1                       | 11                                     |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  | Date/Time:                            | Contact:                            | By:                                   |
| VVVV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100                                 | 3                          |                                        |                          | 4                     |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 | , ,            |                              |                  |                                       | Contact                             |                                       |
| 250605307020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            |                                        | 20110/2017<br>10120-0017 |                       | į.                      | 4              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  |                                       |                                     |                                       |
| 1 1 1 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                            |                                        | 1001010000               | e/wie-marje           | Accessor 25 March       | 12-1-0-2000    | 20. (20.00.000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | michaemi)    | 10000                  | Year Control to | 1200000000     |                              | 0000000          |                                       |                                     |                                       |
| V V V 69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            |                                        | 8882349                  | (480))                | 3344300 km km           |                | 6 124444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1. Ke//2018  |                        | 60.00           | USANAN DE      |                              | 300000           |                                       |                                     |                                       |
| 2006-6530706210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wer to be been                      |                            | #186 <b>,</b> 100/2600                 | 52746259 T               | ikwen xiir            | 2333.00374 233 07       | 4 (59)53)<br>• | a gogalesia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (C/50000)    | 100                    | 9544500         | 5234 AE (15)   | Carlosanoson<br>Controlascon | XINE III         | Date/Time:                            | Contact:                            | By:                                   |
| THE RESIDENCE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE | M 00000000 - 200000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Verta <b>k</b> once <b>k</b> ondeta | 2 (20) (20) (20) (20) (20) | li distribuis di distribuis di         | incarrigo:               |                       |                         | Ostanovances   | o sewojeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 723-00-000 | (<br>(30 <b>k</b> (30) | 22.00.0000      | Section of the | 040082808                    | Er estocres      |                                       |                                     |                                       |
| 1.4.4.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                            |                                        |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                        |                 |                |                              |                  | *                                     |                                     |                                       |
| W V W 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _\.                                 |                            | 1                                      |                          |                       |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | <u> </u>               |                 |                |                              |                  | -                                     |                                     |                                       |
| 20060530TOWI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V                                   |                            | V                                      |                          |                       | V                       |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | V                      |                 | 25.72          |                              | 7.4              |                                       |                                     |                                       |
| LABORATORY ST.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AFF ONLY: (CUSTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DDY)                                |                            |                                        |                          |                       |                         |                | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | lon          |                        |                 | an c           | n e                          |                  | Ne                                    | n-Respo                             | D C i V C                             |
| 1. Date/Tir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | me RCVD:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /                                   | <u> </u>                   | @ <u>/042</u> /                        | /ia:_ <i></i>            | 101                   | <i>L</i> /              | By (Pri        | m1):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                        |                 | שי             | 110                          | V                | Sign.                                 | I-Lesho                             | HSIVE                                 |
| 2. Date/Tir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | me Analyzed:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | /                                   | /                          | @                                      | <b>By</b> (              | Print):               |                         |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | g kalan                |                 | Sign           | 2000                         | Ny ivo           |                                       | advice reference of the party of    | WENT STATE                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Reported To:<br>FOIA Reading Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                            |                                        |                          |                       | aa QAA                  | 560            | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | . (          | /                      | (               | 1              | 0%                           | Ti               | me: 310                               | DO Initial                          | Non-Responsive                        |
| Posted to NGB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FOIA Reading Room  nts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |                            |                                        |                          | DL                    | ST AVAIL                | ADDE           | COPY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                        |                 |                |                              |                  | FUIA Requested R                      | Cord #J-15-0089 time                | received the                          |

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 150785

#### CHAIN OF CUSTODY

Mailing/Billing Information:
1. Client Name: NGB Region North 1H Submittal Information: 1. Job Name: Towson 2. Job Location: Tourson Armony (Old) 2. Address 1: 301 - 14 Old Bay Lane 3. Address 2: Half MD 21078 3. Job #: \_ P.O. #: \_\_\_\_ @ phope #\_Sam 4. Contact Person: 4. Address 3: 5. Phone #: 40 942 0273 Fax # 410 942 0254 5. Submitted by: Signature: Non-Responsi ☐ Fax Copy: \_\_\_\_\_\_ @ fax #\_\_\_\_\_ ☐ Email Copy:\_\_\_\_\_@\_\_\_\_ ☐ Verbals: @ cell #\_\_\_\_\_ Lead Analysis TEM Bulk Asbestos Analysis Paint Chip\_\_\_\_\_(QTY)

Solvet Wipe (wipe type Ghast) 17 (QTY) ☐ ELAP 198.4/Chatfield (QTY) PCM Air - Please Indicate Filter Type: ☐ NY State PLM/TEM\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_in a 25mm 37mm ☐ Air\_\_\_\_\_(QTY)
☐ \$oil/Solid\_\_\_\_\_(QTY) ☐ NIOSH 7400\_\_\_\_\_(QTY)
☐ Fiberglass \_\_\_\_\_(QTY) ☐ Residual Ash (QTY) TEM Dust TEM Air - Please Indicate Filter Type: Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) ☐ TCLP\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm ☐ Drinking Water\_\_\_\_\_(QTY) Quan. (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) AHERA\_\_\_\_(QTY) Quan. (s/area)Dust D6480-99\_\_\_\_(QTY) ☐ Waste Water \_\_\_\_\_(OTY) ☐ NIOSH 7402 \_\_\_\_\_(QTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) \_\_\_(QTY) TEM Water ☐ Other (specify\_\_\_\_\_)\_\_(QTY) Qual. (pres/abs)\_\_\_\_\_(QTY)

□ ELAP 198.2/EPA 100.2\_\_\_\_(QTY) PLM Bulk Mold - Direct Microscopic Analysis ☐ EPA 600 - Visual Estimate ☐ Spore-Trap (QTY) ☐ Bulk (QTY) ☐ EPA 100.1....(OTY) ☐ EPA Point Count (QTY) ☐ Surface Swab \_\_\_\_\_ (QTY) ☐ Surface Vacuum Dust \_\_\_\_ (QTY) NY State Friable (QTY) ☐ All samples received in good condition unless otherwise noted. ☐ Surface Tape (OTY) ☐ Other (Specify (QTY) Grav. Reduction ELAP 198.1 (QTY)
Other (specify ) (QTY) (TEM Water samples \_\_\_\_\_°C) ANALYSIS CLIENT CONTACT SAMPLE INFORMATION SAMPLE LOCATION/ VOLUME WIPE CLIENT ID (LABORATORY STAFF ONLY) IDENTIFICATION DATE (LITERS) NUMBER 4 '44" THE WELL 5/30/06 Date/Time: Contact: By: 20060530TOW 14 Flow Well NA BLANK NA BLANK 20060530TOW17 Date/Time: Contact: By: Date/Time: Bv: Contact: LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/\_\_\_ @ \_\_\_\_\_ Via: \_\_\_\_\_\_ By (Print): \_\_\_\_\_\_\_ Sign: \_\_\_\_\_\_\_ 2. Date/Time Analyzed: \_\_\_\_\_/ \_\_\_\_\_ @ \_\_\_\_\_By (Print): \_\_\_\_\_ BESTAVAILABLE COPYRe: / THOSA Requested Record #J-15-008 british: Posted to NGB ROLL Reading Room May, 2018 Released by National Guard Bureau Page 378 of 5269

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear III

Chain Of Custody:

150761

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson Armory

Date Submitted:

7/12/2006

(

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting:

Non-Responsiv

Date Analyzed:

7/12/2006

12**-Jul-**06

Report Date:

Attention:



#### Summary of Atomic Absorption Analysis for Lead

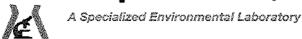
Page 1 of 2

| AMA Sample Client Samp<br>Number Number |                | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | rting<br>mit | F | inal Res | uit    | Comments |
|-----------------------------------------|----------------|---------------|-------------|-------------------|---------------------|--------|--------------|---|----------|--------|----------|
| 0665970                                 | 20060711TW2 01 | Flame         | Wipe        | nje nje nje       | 0.111               | 108.01 | ug/ft²       |   | 2900     | ug/ft² |          |
| 0665971                                 | 20060711TW2 02 | Flame         | Wîpe        | ****              | 0.111               | 108.01 | ug/ft²       |   | 880      | ug/ft² |          |
| 0665972                                 | 20060711TW2 03 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |   | 1500     | ug/ft² |          |
| 0665973                                 | 20060711TW2 04 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |   | 410      | ug/ft² |          |
| 0665974                                 | 20060711TW2 05 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       |   | 2100     | ug/ft² |          |
| 0665975                                 | 20060711TW2 06 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       |   | 1100     | ug/ft² |          |
| 0665976                                 | 20060711TW2 07 | Flame         | Wipe        | 非非神神              | 0.111               | 108.01 | ug/ft²       |   | 130      | ug/ft² |          |
| 0665977                                 | 20060711TW2 08 | Flame         | Wipe        | 蜂蜂蜂蜂              | 0.111               | 108.01 | ug/ft²       |   | 2100     | ug/ft² |          |
| 0665978                                 | 20060711TW2 09 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       | < | 110      | ug/ft² |          |
| 0665979                                 | 20060711TW2 10 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |   | 4000     | ug/ft² |          |
| 0665980                                 | 20060711TW2 11 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       |   | 1200     | ug/ft² |          |
| 0665981                                 | 20060711TW2 12 | Flame         | Paint Chip  | 冰水油油              | N/A                 | 0.01   | %Pb          |   | 0.15     | %Pb    |          |
| 0665982                                 | 20060711TW2 13 | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug           | < | 12       | ug     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear III

Chain Of Custody:

150761

7/12/2006

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

State Military Reservation

Job Location:

Towson Armory

Date Submitted:

Person Submitting:

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Date Analyzed:

associated with these samples.

7/12/2006

Report Date:

12-Jul-06

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

See QC Summary for analytical results of quality control samples

Comments

Number

(L)

 $(ft^2)$ 

Limit

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Technical Manager

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Analyst

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Polesced by Neticeal Custof Pursey 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 Page 380 of 5269





## QC Summary

Sample Delivery Group: 13212

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

7/12/2006

| Result |  |
|--------|--|

RPD

Comment

| Preparation | Blank |
|-------------|-------|
|             |       |

-0.036 ppm Recovery

Percent

Acceptable

Report Limit Verification Sample

0.2772

ppm 83.2% Acceptable

Expected Spike Level (ppm)

0.3333

mg/Kg

Duplicate Sample 1 Dopticate Sample 2 #Num1 #Num!

mg/Kg

#Euror

#Eferor

Matrix Spike Analysis

Spiked Sample

Acceptable

Spike Duplicate

243,583

83.63%

Acceptable Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

μg 245.722 μg

86.69%

88.77%

3.60%

Acceptable

#### Calibration Information

Correlation of Calibration Curve:

0.99951

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number

Client Sample Number 20060711TW2 01

150761 150761 63970 65971

20060711TW2 02

SDG Number:

13212

Page I of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150761           | 65972             | 200607117W2 03       |
| 150761           | 65973             | 200607117W2 04       |
| 150761           | 65974             | 20060711TW2 05       |
| 150761           | 65975             | 2006073 FTW2 06      |
| 150761           | 65976             | 20060711TW2 07       |
| 150761           | 65977             | 20060711TW2 08       |
| 150761           | 65978             | 20060711TW2 09       |
| 150761           | 65979             | 200607111W2 10       |
| 150761           | 65980             | 20060711TW2 31       |
| 150761           | 65982             | 20060711TW2 13       |
| 154230           | 65983             | Plants-05A Fire Pipe |
| 154230           | 6598/1            | Plant1-05A Floor     |
| 154230           | 65985             | Plant1-05A Wall      |

SDG Number: 13212 Page 2 of 2





## QC Summary

Sample Delivery Group: 13214

Analysis Type: Flame
Sample Type: Point Chip
Analysis Date: 2/12/2086

|                                   | Analysis I   | Dalig: | 7/12/2006           |       |            |
|-----------------------------------|--------------|--------|---------------------|-------|------------|
|                                   | R <b>c</b> s | μli    | Percent<br>Recovery | RPID  | Сописы     |
| Preparation Blank                 | 0.009        | ppm    |                     |       | Acceptable |
| Report Limit Verification Sample  | 0.3238       | ppni   | 97.1%               |       | Acceptable |
| Expected Spike Level (ppm) 0 3333 | •            |        |                     |       |            |
| Duplicate Sample 1                | 1484         | mg/Kg  |                     |       |            |
| Duplicate Sample 2                | 1542         | nig/Kg |                     | 3.84% | Acceptable |
| Matrix Spike Analysis             |              |        |                     |       |            |
| Spiked Sample                     |              |        | 93.06%              |       | Acceptable |
| Spike Duplicate                   |              |        | 96.47%              | 3.60% | Acceptable |
| Laboratory Control Sample 1       | 258.319      | ив     | 88.89%              |       | Acceptable |
| Laboratory Control Sample 2       | 251,416      | μß     | 81.83%              | 8.27% | Acceptable |

#### Calibration Information

Correlation of Calibration Curve: 0.999402

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody - AMA Sample Number - Client Sample Number

150759 65969 GB-30 150761 65981 20060711TW2 12

SDG Number: 13214

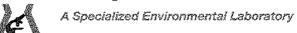
Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 155307           | 65999             | HP-PCI               |
| 106743           | 6607X             | 071006-01JK          |

SDG Number: 13214 Page 2 of 2

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson Clear IV

Chain Of Custody:

150762

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI.

Job Location:

Towson (OLD) Armory

Date Submitted:

7/20/2006

7/20/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Date Analyzed:

associated with these samples.

Report Date: 20-Jul-06

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 1 of 1

| AMA Sample Client Sample<br>Number Number |                         |                      | Analysis Type       | Sample Type       | Air Volume<br>(L) | Area Wiped<br>(ft²) |            | orting<br>imit | F         | inal Res        | ult           | Comments |  |      |        |  |
|-------------------------------------------|-------------------------|----------------------|---------------------|-------------------|-------------------|---------------------|------------|----------------|-----------|-----------------|---------------|----------|--|------|--------|--|
| 0668165 20060718TW401                     | 20060718TW401           | Flame                | Flame               | Flame             | Wipe              | Wipe                | Wipe       | Wipe           | 非米米米      | 0.111           | 108.01        | ug/ft²   |  | 1100 | ug/ft² |  |
| 0668166                                   | 20060718TW402           | Flame                | Wipe                | ***               | 0.111             | 108.01              | ug/ft²     |                | 410       | ug/ft²          |               |          |  |      |        |  |
| 0668167                                   | 20060718TW403           | Flame                | Wipe                | ****              | 0.111             | 108.01              | ug/ft²     | <              | 110       | ug/ft²          |               |          |  |      |        |  |
| 0668168                                   | 20060718TW404           | Flame                | Wipe                | ****              | 0.111             | 108.01              | ug/ft²     | <              | 110       | ug/ft²          |               |          |  |      |        |  |
| 0668169                                   | 20060718TW405           | Flame                | Wipe                | ***               | 0.111             | 108.01              | ug/ft²     | <              | 110       | ug/ft²          |               |          |  |      |        |  |
| 0668170                                   | 20060718TW410           | Flame                | Wipe Blank          | ****              | N/A               | 12.00               | ug         | <              | 12        | ug              |               |          |  |      |        |  |
| nalysis Method f                          | or Flame: Air, Wipes, I | Paints, and Soil/Sol | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r. SM-3111B       | See QC              | Summary fo | r analytic     | al result | s of quality co | ntrol samples |          |  |      |        |  |

Analysis Method For Furnace: Air. Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Released by National Guard Bureau 4475 Forbes Blvd. • Lanham. MD 20706 • (301) 459-2640 • Tall Free (800) 346-3961 • Fax (301) 459-Page 385 of 5269





Comment

Acceptable Acceptable

#13rcor

Acceptable Acceptable Acceptable

Acceptable

## QC Summary

Sample Delivery Group: 13253

Analysis Typo:

Flame

Sample Type:

Wine

Analysis Date:

270,811

261,622

μg

μg

7/20/2006

93,90%

91.01%

3.12%

|                                   | Rç     | sult     | Percent<br>Recovery | RPD    |
|-----------------------------------|--------|----------|---------------------|--------|
| Proporation Blunk                 | 0.081  | <b>ը</b> |                     |        |
| Report Limit Verification Sample  | 0.3084 | ppm      | 92.5%               |        |
| Expected Spike Level (ppm) 0.3333 |        |          |                     |        |
| Duplicate Sample !                | #Mum!  | mg/Kg    |                     |        |
| Duplicate Sample 2                | #Num!  | mg/Kg    |                     | #Error |
| Metria Spiko Analysis             |        |          |                     |        |
| Spiked Sampto                     |        |          | 104.68%             |        |
| Spike Duplicato                   |        |          |                     |        |

#### Calibration Information

Correlation of Calibration Curve:

Laboratory Control Sample 1

Laboratory Control Sample 2

0.999139

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number

153923

68157

06-0719N-01

153923

68158

06-0719N-02

SDG Number:

13253

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 153923           | 68159             | 06-0719N-03          |
| 153923           | 68160             | 06-0719N-04          |
| [53923           | 68161             | 06-0719N-05          |
| 153923           | 68362             | 06-0719N-06          |
| 150762           | 68165             | 20060718') W401      |
| 150762           | 68166             | 20060718TW402        |
| 150762           | 68167             | 20060718YW403        |
| 150762           | 68168             | 20060718TW404        |
| 150762           | 68169             | 20060718TW405        |
| 150762           | 68170             | 20069718TW410        |
| 150763           | 68171             | 20060718GA301        |
| 150763           | 68172             | 20060718GAD02        |
| 150763           | 68173             | 20060718GA303        |
| 150763           | 68174             | 20060718GA304        |
| 150763           | 68175             | 20060718GA305        |
| 150763           | 68176             | 20060718GA310        |

Page 2 of 2

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (old) clear VI

Chain Of Custody:

150767

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

Job Location:

Towson (old) armory

Date Submitted:

8/11/2006

State Military Reservation

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Date Analyzed:

associated with these samples.

8/11/2006

11-Aug-06

Report Date:

Attention:



Summary of Atomic Absorption Analysis for Lead

Page I of I

| AMA Sample Client Sample<br>Number Number |                         | Analysis Type      | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) | •      | orting<br>imit | F          | inal Res  | sult            | Comments      |
|-------------------------------------------|-------------------------|--------------------|---------------------|-------------------|---------------------|--------|----------------|------------|-----------|-----------------|---------------|
| 0674253 20060                             | 20060810TW6 01          | Flame              | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         |            | 400       | ug/ft²          |               |
| 0674254                                   | 20060810TW6 02          | Flame              | Wipe                | *****             | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²          |               |
| 0674255                                   | 20060810TW6 03          | Flame              | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²          |               |
| 0674256                                   | 20060810TW6 04          | Flame              | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²          |               |
| 0674257                                   | 20060810TW6 05          | Flame              | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 640       | ug/ft²          |               |
| 0674258                                   | 20060810TW6 06          | Flame              | Wipe Blank          | ***               | N/A                 | 12.00  | ug             | <          | 12        | ug              |               |
| nalysis Method t                          | or Flame: Air, Wipes, F | aints, and Soil/So | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r. SM-3111B         | See QC | Summary fo     | r analytic | al result | s of quality co | ntrol samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water; SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018





## QC Summary

Sample Delivery Group: 13366

Analysis Type: Sample Type:

Plaine Wipe

8/11/2006

Result

Analysis Date:

Percent Recovery RPD

Comment

Preparation Blank Report Limit Verification Sample Daposted Spike Level (ppm) 0.3333 Daplicate Sample 1

800.0-DOM 0.487ppm

146.1%

Acceptable Ontside Limits

Daplicate Sample 2

#Num! mg/Kg

82.71%

90.41%

#IError

#Num! mg/Kg

#Eccor

0.36%

Acceptable

Matrix Spike Analysis Spiked Sample

Spike Duplicate Laboratory Control Sample 1

265.424

90.08%

Acceptable Acceptable Acceptable

Calibration Information

Correlation of Calibration Curve:

Laboratory Control Sample 2

0.999367

All callbration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 146.1%, above the upper control limit of 120%.

A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 13363 (102.5% recovery).

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number 74253 20060810TW6-01 150767

20060810TW6 02 150767 74254 SDG Number: 13366

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Cilent Sample Number |
|------------------|-------------------|----------------------|
| 150767           | 74255             | 20060810TW6 03       |
| 150767           | 74256             | 20060810TW6 04       |
| 150767           | 7.42.57           | 200608107 W6 05      |
| 150767           | 74258             | 20060810TW6-06       |
| 155763           | 74275             | 16073106 01          |
| 155763           | 74276             | 16073166.02          |
| 155763           | 74277             | 16073106 03          |
| 155763           | 74278             | 16073106 04          |
| 155763           | 74279             | 16073106 05          |
| 155763           | 74280             | 16073106 06          |
| 155763           | 74281             | 16073106 07          |
| 155763           | 74282             | 16073106 OB          |
| 155763           | 74283             | 16073106 09          |
| 155763           | 74284             | 16073106 10          |

SDG Number; 13366 Page 2 of 2



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear

Chain Of Custody:

150785

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson Armory (Old)

Date Submitted:

6/1/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided

Person Submitting: Date Analyzed:

6/1/2006

Report Date: 01-Jun-06

Attention:



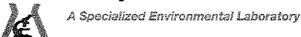
#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

|                      | ,                       |               | - 1-4-19    |                   | •                   |        |               |   |           |                | •        |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|---------------|---|-----------|----------------|----------|
| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>mit | F | inal Resu | ilt            | Comments |
|                      |                         | · · ·         |             | dia .             | .*.                 |        | -             |   |           |                |          |
| 0654043              | 20060530TOW01           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 12000     | u <b>g/ft²</b> |          |
| 0654044              | 20060530TOW02           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 2300      | ug/ft²         |          |
| 0654045              | 20060530TOW03           | Flame         | Wipc        | ***               | 0.111               | 10.801 | ug/ft²        |   | 1100      | ug/ft²         |          |
| 0654046              | 20060530TOW04           | Flame         | Wîpe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²         |          |
| 0654047              | 20060530TOW05           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/fl²        | < | 110       | ug/ពិ²         |          |
| 0654048              | 20060530TOW06           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 160       | ug/ft²         |          |
| 0654049              | 20060530TOW07           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²         |          |
| 0654050              | 20060530TOW08           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 760       | ug/ft²         |          |
| 0654051              | 20060530TOW09           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²         |          |
| 0654052              | 20060530TOW10           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |   | 300       | ug/ft²         |          |
| 0654053              | 20060530TOW11           | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | < | 110       | a8\U_s         |          |
| 0654054              | 20060530TOW12           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 18000     | ug/(t²         |          |
| 0654055              | 20060530TOW13           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |   | 130       | ug/ft²         |          |
| 0654056              | 20060530TOW14           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²         |          |
| 0654057              | 20060530TOW15           | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | < | 110       | ug/ft²         |          |
| 0654058              | 20060530TOW16           | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug            | < | 12        | ug             |          |
| 0654059              | 20060530TOW17           | Flame         | Wipe Blank  | ****              | N/A                 | 12,00  | αg            | < | 12        | ng             |          |
| , , , ,              |                         |               |             |                   |                     |        | ~             |   |           |                |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government, All rights reserved, AMA Analytical Services, Inc.

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Job Location:

Job Number:

P.O. Number:

Towson (Old) Clear IV

Not Provided

Not Provided

Chain Of Custody:

150764

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI.

State Military Reservation Havre de Grace, Maryland 21078

Towson (Old) Armory

Date Submitted:

Date Analyzed:

associated with these samples.

7/26/2006

7/26/2006

Person Submitting:

26-Jul-06

Report Date:

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 1 of I

| AMA Sample Client Sample<br>Number Number |                          | Analysis Type        | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) | - 1    | orting<br>imit | F          | inal Res  | sult            | Comments      |
|-------------------------------------------|--------------------------|----------------------|---------------------|-------------------|---------------------|--------|----------------|------------|-----------|-----------------|---------------|
| 0669850                                   | 20060725TW5 01           | Flame                | Wipe                | 林林林林              | . О.111             | 108.01 | ug/ft²         |            | 770       | ug/ft²          |               |
| 0669851                                   | 20060725TW5 02           | Flame                | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 430       | ug/ft²          |               |
| 0669852                                   | 20060725TW5 03           | Flame                | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 770       | ug/ft²          |               |
| 0669853                                   | 20060725TW5 04           | Flame                | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         |            | 690       | ug/ft²          |               |
| 0669854                                   | 20060725TW5 05           | Flame                | Wipe Blank          | ****              | N/A                 | 12.00  | ug             | <          | 12        | ug              |               |
| malysis Method f                          | for Flame: Air, Wipes, I | Paints, and Soil/Sol | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r. SM-3111B         | See QC | Summary fo     | r analytic | al result | s of quality co | ntrol samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug/L = parts per billion (ppb)

%Pb = percent lead by weight ug = micrograms Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory Requested Record #J-15-0085 (MD) 4475 Forbes Blvd. • Lanham. MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 Page 392 of 5269





## QC Summary

Sample Delivery Group: 13272

Analysis Type:

Flame

Semple Type:

Wipe

Analysis Detc:

7/26/2006

Comment

Result

Percent Recovery

Preparation Blank

ppm

Acceptable

Report Limit Verification Sample

0.3842

115.3% ppm

Acceptable

Expected Spike Level (ppm)

Duplicate Sample 1 Duplicate Sample 2 #Num! #Numl

0.028

mg/Kg mg/Xg

#Brron

RPD

Affaror

Matrix Spike Analysis

Laboratory Control Sample 1

Laboratory Control Sample 2

Acceptable

Spiked Sample

Spike Duplicate

309,108

299,172

μg

95,99% 99.45%

113.89%

3.54%

Acceptable Acceptable

Acceptable

Calibration Information

Correlation of Celibration Curve;

0.999725

0.3333

All cullbration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number

Client Sample Number

150764 150764 69850 69851

20060725TW5 OL

SDG Number:

13272

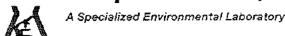
20060725TW5 02

Page L of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150764           | 69352             | 20060725TW5 03       |
| 150764           | 69853             | 20060725TW5 04       |
| 150764           | 69854             | 20060725TW5 05       |
| 150765           | 69855             | 20060725FIATOL       |
| 150765           | 69856             | 20060725HA1 02       |
| 150765           | 69857             | 20060725HA1 Q3       |
| 150765           | 69858             | 200607251fAT 04      |
| 150765           | 69859             | 200607251[A] 05      |
| 150765           | 69860             | 200607251fAE 06      |
| 150765           | 69861             | 200607251LAL07       |
| 150765           | 69862             | 20060725HA1 08       |
| 150768           | 69863             | 20060725HA1 09       |
| 150765           | 69864             | 20060725HAL10        |
| 150765           | 69865             | 2006072511At 11      |
| 150765           | 69866             | 20060725HAL12        |
| 150765           | 69867             | 20060725HAL13        |
| 150765           | 60868             | 20060725FIAL 14      |
| 150765           | 69869             | 20060725HAT 19       |
| 15076\$          | 69870             | 20060725FIAL 20      |

SDG Number: 13272 Page 2 of 2



#### CERTIFICATE OF ANALYSIS



Client: Address: National Guard Bureau

Job Name:

Not Provided

Not Provided

Not Provided

Chain Of Custody:

Person Submitting:

150756

301-III Old Bay Lane, Aun: NGB-AVN-SL State Military Reservation

Havre de Groce, Maryland 21078

Job Location:

Job Number:

P.O. Number:

Towson, Maryland

Date Submitted:

Date Analyzed:

associated with these samples.

6/15/2006

6/15/2006

15-Jun-06

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Report Date:

Number

Number

(1.)

 $\{f1^2\}$ 

Linut

See QC Summary for analytical results of quality control samples

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-31118

Analysis Method For Furnace: Air, Wipes, Paints, and Scil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Posted to NGB FOIA Reading Room

May, 2018

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

Page 395 of 5269

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.



AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanhum, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

### CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 150756

www.amalab.com Submittal Information: 1. Client Name: Wattomal buard Bureau Mailing/Billing Information: 1. Job Name: \_\_\_\_ 2. Address 1: 301-IH Old Bay Kans 2. Job Location: Towson, Maryland 3. Address 2: Havre de Grace ND 21078 3. Job#. P.O.# 4. Contact Person: \_\_\_\_\_\_\_ @ phone # Reporting Information (Results will be provided as soon as technically feasible): □ Fax Copy: \_\_\_\_\_ @ fax # \_\_\_\_\_ □ Email Copy: \_\_\_\_\_ @ \_ □ Verbals:\_\_\_\_\_\_@ cell #\_\_\_\_\_ Lead Analysis TEM Bulk Asbestos Analysis D Paint Chip\_\_\_\_ ☐ ELAP 198.4/Charfield \_\_\_\_\_(OTY) Dust Wipe (wipe type 4h65) 17 (OTY) PCM Air - Please Indicate Filter Type: ☐ NY State PLM/TEM \_\_\_\_\_(QTY)
☐ Residual Ash \_\_\_\_\_(QTY) PC MCE Porosity in a 25mm 37mm ☐ Air (QTY) ☐ Soil/Solid (QTY) ☐ NIOSH 7400\_\_\_\_\_(QTY) LI Fiberglass (QTY) TEM Dust □ TCLP\_\_\_\_(QTY) TFM Air - Please Indicate Filter Type: Quan. (s/area) Vacuum D5755-95 (QTY) Drinking Water \_\_\_\_\_(QTY) PC MCE Porosity in a 25mm 37mm Waste Water\_\_\_\_\_(QTY) ☐ Quan\_ (s/area)Dust D6480-99\_\_\_\_\_\_(QTY) JAHERA \_\_\_\_(QTY) Cl Dust Wipe Furnace (wipe type \_\_\_\_\_\_) \_\_\_\_(QTY) UNIOSH 7402 (QTY) TEM Water U Qual. (pres/abs)\_\_\_\_\_(QTY) Other (specify\_\_\_\_\_).\_\_\_\_ Mold - Direct Microscopic Analysis . Q ELAP 198.2/EPA 100.2 (QTY) PLM Bulk ☐ Spore-Trup \_\_\_\_(QTY) ☐ Bulk \_\_\_\_(QTY) EPA 600 - Visual Estimate \_\_\_\_\_ ☐ EPA 100.1 (QTY) U Surface Swab \_\_\_\_\_\_(QTY)U Surface Vacuum Dust \_\_\_\_\_(QTY) EPA Point Count \_\_\_\_\_(QTY) ☐ Surface Tape (QTY) ☐ Other (Specify (QTY) All samples received in good condition unless otherwise noted. (QTY)\_\_\_\_ i NY State Friable ..... (ÖTY) (TEM Water samples \_\_\_\_\_°C) Grav. Reduction ELAP 198.1\_\_\_\_\_ CLIENT CONTACT SAMPLE INFORMATION VOLUME WIPE (LABORATORY STAFF ONLY) CLIENT ID SAMPLE LOCATION/ DATE (LITERS) IDENTIFICATION NUMBER Contact: Date/Time: 6113 75w-1 Tow-Z Thw -3 TOLO 4 Date/Time: Contact: Tow-5 Thui-la Tous -7 By: Date/Time: Contact: 70W-9 Tow -10 Tow-11 Tow-13 LABORATORY STAFF ONLY: (CUSTODY)

1. Date/Time RCVD: 6/15/03/6 @ 045 Via: Fed EX By (Print): 2. Date/Time Analyzed: \_\_\_\_/ \_\_\_ / \_\_\_ @ \_\_\_\_ 0 / K / Time; 3. Results Reported To:\_\_\_

\$57.05 YCR, 3,1YC (40): 847-3984

| 凶 | AMA     |    |
|---|---------|----|
| _ | 8391473 | ٠, |

Analytical Services, Inc. 4475 Porties Bird. • Carbina MD 367(4) 300 (459-2640 + 1800) 346 (000) • Fox (340) 459-2643

## CHAIN OF CUSTODY

Officese Report to Take Number Participances

150756

210,557,505

| 1 Ideas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | والمتعاور أباء                                                   | rod, bur                                         | Ea.                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Տսետիլել ։                             | informatien:                           |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Parting Billing Inford  Cited Name: 12  Adapted: 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | - FE I AL 20                                                     |                                                  |                                     | — <del>-</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 7.6 No                               | *** <b></b> -                          |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| Address 2: 40.00 Address 3: 40.00 Address 3: 40.00 Address 3: 40.00 Address 3: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Address 4: 40.00 Addres | نمخر زائد زيروي                                                  | 772                                              | 410.7%                              | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $-\frac{1}{2}$ $-her L_{\infty}$       | 300 Jan 5                              | <u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — , <del>—</del> — — .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | · · <u>-</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ·                      |
| · / (Max. 1500)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del></del>                                                      |                                                  |                                     | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 Johre                                | <del>-</del>                           |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | · <b>_</b>             |
| ار براند عدور را                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u> </u>                                                         | En es 4                                          | 示です                                 | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4 Conti                                | Person                                 | _ <del>_</del>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ). fi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| Please include COC<br>Jule & Time Results R<br>Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ©:31 (222 c/m/r,                                                 |                                                  | 기 <u>교</u> , 기 <u>대로</u> 1          | 7. 5. 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5. Submite                             |                                        | · <del></del>                                | ··                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ~=± € *tens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| Photo a Silver, July Please include COC Date is Time Results 8 Vertois:  Species Analysis  CMASS Result Indicate Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Results Resul | equired;/                                                        |                                                  | <sub>к</sub> евоший јијо            | Constion (Res                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | iks will be pro                        |                                        | · <del>-</del>                               | • :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Signulere, 🔔                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>-</b> ·· <b>-</b> · |
| Perhais: Sheates Analysis CMAS - Perse Indicate Per MCE Person D NOSH 7207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  | -·                                               | ——— □1c                             | and <b>324</b> +: (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 148h: (1775)                           | Terminal                               | ectatically fea                              | esible:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - · <b>-</b> - · - · - ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ·· · -                 |
| SDesign Artelysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  | <del></del>                                      | —_ U Fax Co                         | p):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |                                        | ि स्टेश्स्य-मेर्ट्या                         | er ≘345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | r Africa-House of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | York Williams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        |
| MAST Report Indiagram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Silver trees.                                                    |                                                  | 76M av                              | : <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ·——— e:                                | ar *                                   | - <u>-</u>                                   | ் பித <sub>ை</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Crow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | remen at fire a suffici                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ge benedijeni          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                  | J.S                                 | Afrilla Johnson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | F 12                                   |                                        | Lie                                          | - Connego,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | · ^ -12 · <del>-</del> · · · -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |
| 2 NIOSH 7424;<br>2 / dendas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9TY                                                              |                                                  | 5.5                                 | 17 Star 21 1977                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6el4                                   | $\pm 0/\Gamma V_{\rm c}$               | 123                                          | oo sanayan<br>o sanayan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | is<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| All thought                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |                                                  | U s                                 | ಲಕ್ಷಣೆ ಕರ್ಣ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                        | JV(1Y)                                 |                                              | Market Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Taip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 97) <u>.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |
| er entre de la la companya de la companya de la companya de la companya de la companya de la companya de la co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Edit in                                                          |                                                  | 7051.0e                             | e:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | — (D:3)                                | !                                      |                                              | بادران المارية<br>المارية                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | when with $i \in \mathcal{M}^{13}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CT /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |
| Jahera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                                                  | ورون ا                              | lo' ima taka ta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Kumana na                              |                                        |                                              | بریزور ک                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
| J MOSH 7455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | —:QTY_                                                           |                                                  | ોઇ                                  | an (staren koa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | eart Deastles                          |                                        |                                              | J 70".2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 51.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                  |                                     | ist. (warsa 'Dus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | :::::::::::::::::::::::::::::::::::::: | —————————————————————————————————————— |                                              | J. 1996                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | r Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Science -                                                        | TCIA.                                            | $T_{i}^{*}$ $S_{i}^{*}$ $S_{i}^{*}$ | çr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | · -                                    | :VI)                                   |                                              | d Work :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Naur_ — —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | and Grant Communication Communication Communication Communication Communication Communication Communication Co<br>Communication Communication Communication Communication Communication Communication Communication Communication<br>Communication Communication                |
| JEPANO-Vivin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Skings                                                           | OTTO                                             | 70                                  | سن. (prevينج <sub>ا ـ</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <del></del>                            | <u> </u>                               |                                              | $\Box \otimes_{\mathbb{Z}^n} w_i$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | on Fundace (acres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | .γπ.<br>•×                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                                        |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 'I'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |
| EPA Poice Count.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  | •                                                | ون                                  | 24 (00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                        |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _ <b>_</b> _·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | · — ·V                 |
| J EPA Folia Count<br>J NY Sure Readle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | :QTY:                                                            |                                                  | ۽ <u>ن</u><br>                      | 2a jour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IQTY                                   |                                        |                                              | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                      |
| J NY State Female,<br>J Gray Reduction F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                  | .o.e.                                            | 47                                  | Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        | The state of the state of              |                                              | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Saus com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s       | -                      |
| UNY State Female,<br>U Gray Reduction F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (QTV)                                                            | _{QD;<br>00x                                     | 47                                  | 24 (M).<br>Si sarpias tore i<br>A Water sarujio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        | O stript the organization              |                                              | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Saus com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s       | -                      |
| UNY Sure France U Grow Reduction E U Observation CureNTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SAMPLE INFORM                                                    | _(QA);<br>_ , QTY;<br>VTION                      |                                     | li varpias tore i<br>A Water sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Saus com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                      |
| UNY State Proaction U Gray Reduction B U Observations Customers Numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SAMPLE INFORMAL SAMPLE CONTROL                                   | _{QD};<br>QTY;<br>VTION<br>V voi                 | inger ande<br>File<br>1 γ           | li varpias tore i<br>A Water sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Swip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | St. 2 Norted Nacycle 15<br>C. 2 1850 (Ngwel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                      |
| UNY State Proaction U Gray Reduction B U Observations Customers Numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SAMPLE INFORM                                                    | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> |                                     | li varpias tore i<br>A Water sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Swin Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |
| UNY SUPERBOTE USES Reduction B USES REduction B USES RES FORENTIES SEMBOR TO CH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAMPLE INFORMATION OPERATION                                     | _{QD};<br>QTY;<br>VTION<br>V voi                 | inger ande<br>File<br>1 γ           | li varpias tore i<br>A Water sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed is great coals<br>                  |                                        | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sept. 1979<br>Show 1 1979                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N(Q                    |
| UNY SURE PROBLEM<br>UT Gro. Reductive B<br>UT Ober Specify<br>CLEENT 10<br>NEW 194<br>TO LATE S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>OBSTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | li varpias tore i<br>A Water sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sept. 1979<br>Show 1 1979                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N(0)                   |
| UNY Sure Position U Grove Reduction is U Observation Custoving Nationalist Reduction I Court Court Court S Court S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Starpies torg of Water sample:  A Water sample:  AND  \$\begin{align*} \begin{align*} alig | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sept. 1979<br>Show 1 1979                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N(Q                    |
| UNY State Profite<br>U Grov Reduction B<br>U Observation<br>Custovition<br>NEW State<br>To Co. 1 (PU)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sept. 1979<br>Show 1 1979                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S                      |
| UNY State Profite<br>U Grov Reduction B<br>U Observation<br>Custovition<br>NEW State<br>To Co. 1 (PU)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>OBSTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | or en un over person                   | obled                                        | ⊒ Kgr±st<br>⊒ Surf.ce                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sept. 1979<br>Show 1 1979                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S                      |
| UNY SIZE Final C. U Gro. Reduction B. U Ober specify Custovico NEWSCOR TO C. C. Custovico Custovico Signatura To C. C. Custovico To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. C. To C. To C. C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C. To C.  | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | or en un over person                   | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sea of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of | CUENT CONTACT CONTACT CONTACT CONTACT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | By:                    |
| UNY State Profite<br>U Grov Reduction B<br>U Observation<br>Custovition<br>NEW State<br>To Co. 1 (PU)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sea of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of | CUENT CONTACT CONTACT CONTACT CONTACT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | By:                    |
| UNY State Profite<br>U Grov Reduction B<br>U Observation<br>Custovition<br>NEW State<br>To Co. 1 (PU)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | or en un over person                   | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sea of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of the service of | COENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | By:                    |
| UNY Sure Position U Grove Reduction is U Observation Custoving Nationalist Reduction I Court Court Court S Court S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Swin (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) ( | CUENT CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTAC       | By:                    |
| UNY State Profile U Grov Reductive B U Ober specify  CLEANT TO NEXT SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SERVICE  TO LOCATE SE | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Swin (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) ( | CUENT CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTAC       | By:                    |
| UNY State Profile U Grow Reduction B U Ober specify Custoverso NEOWERR TO COLOR OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | □ Sortice □ Sortice □ Sortice □ Sortice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Swin (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) ( | CUENT CONTACT CONTACT CONTACT CONTACT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | By:                    |
| UNY Sure Penticular Grand Reduction B. J. Observation Scientific B. S. S. S. S. S. S. S. S. S. S. S. S. S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sort | Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip ( | CLIENT CONTACT  CRATORY V.A DV  CONTACT  CRATORY V.A DV  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CON             | By:                    |
| University  Curve to Send the Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to Send to  | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sort | Swin (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) (free Swin) ( | CUENT CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTAC       | By:                    |
| CLAY Sare Resette CLOTO Reduction B CLOTO RESERVED NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECESTRO NECEST | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sort | Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip ( | CLIENT CONTACT  CRATORY V.A DV  CONTACT  CRATORY V.A DV  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CON             | By:                    |
| UNY Sate Practic U Gray Reduction B U Oberts pecify Custovicto SEMBER TO ACT OH ICOACT S TO ACT OF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sort | Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip ( | CLIENT CONTACT  CRATORY V.A DV  CONTACT  CRATORY V.A DV  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CON             | By:                    |
| UNY Scre Pentic. U Gro. Reductive B. U Ober specify Custovico SEMBER TO CO. 104 IC Co. 15 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. 17 IC Co. | SAMPLE INFORMA<br>SAMPLE INFORMA<br>SAMPLE CONTINA<br>DESTRUMBEN | _(QA);<br>QYy,<br>yriox<br>y yo<br><u>Dyre_y</u> | inger ande<br>File<br>1 γ           | Si varpies tota il Mater sample (M. A.N.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed is great coals<br>                  | William N                              | obled                                        | J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sortice J Sort | Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip (jm) Swip ( | CLIENT CONTACT  CRATORY V.A DV  CONTACT  CRATORY V.A DV  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CONTACT  CON             | By:                    |

May, 2018

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 397 of 5269

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                           | Industria             | al Hygiene S | urf       | ace Wipe San                   | nple Sheet                          |
|---------------------------|-----------------------|--------------|-----------|--------------------------------|-------------------------------------|
| Return Address            |                       |              |           | Non-Responsi                   | (name & phone #) Ve 410 - 942-0273  |
| <u>}-</u>                 | taure de              | GRACE, M     | 光の        | Samples Collecte<br>Non-Respor | ad By<br>Isive                      |
| Sampled Facili            | ty                    | City         |           | State                          | Location (bidg/area)                |
| TOWSON                    | 7                     | ORIGINAL     |           | wT                             | IFR                                 |
| Description of<br>→ N 上○○ | Operation<br>E FIRING | 3 RANGE      | Dat<br>13 | e Collected<br>らしいわのしゃ         | Date Shipped 13 July 04             |
| Analysis Desire           | ed                    |              |           |                                |                                     |
| Sampling Data             |                       |              |           |                                |                                     |
| Lab Use Only              | Sample #              | Results      | 3         |                                | Remarks                             |
|                           | Tows - )              |              |           | - TAIRS ICAL                   | gard to two purk                    |
|                           | Tow-2                 |              |           | ON CLOOK 5                     | SUNTING CAUSALIA BUILT              |
|                           | Tow-3                 |              |           | English                        | Naibe stailent to                   |
|                           | TOWY                  |              |           | RY NOND C                      | K MAII<br>OFHEF ON FICOF            |
|                           | Tow5                  |              |           | BY WAND                        | SIDE-FLOCE 1                        |
|                           | Tow 6                 |              |           | MIDDLE OF                      | RANGEM 15 F4 FROM                   |
|                           | Tow7                  |              |           | By CALLY                       | 5 ft from DACK WALL                 |
|                           | Tow 8                 |              |           | RANGE 3                        | tt from backor<br>pt high<br>packor |
|                           | Tow 9                 |              |           |                                |                                     |
|                           | Tow 10                | >            |           | 1 Exhibit                      | bullet trap on                      |
|                           | Towll                 |              |           | (M) //                         |                                     |
|                           | Tow 11<br>Tow 12      | -            |           | (时) //                         | 7 1                                 |
| Comments to I             | _ab:                  |              |           |                                |                                     |
| į                         |                       |              |           |                                | 1                                   |

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                 | Industria      | al Hygiene S | Surface V                                    | Vipe Sar               | npie Sh         | eet            |               |
|-----------------|----------------|--------------|----------------------------------------------|------------------------|-----------------|----------------|---------------|
| Return Addres   | EH OLD         | BAY LAN      | e Non-                                       | Responsi               | 410             |                | 6420          |
| HAVR            | e de Gea       |              | Samo                                         | les Collect<br>n-Respo | ed By<br>Onsive | ** 1 y 1 1 1 1 |               |
| Sampled Facili  | - 1            | City         | State                                        |                        | Location        |                | a)            |
| Towson          |                | ANigi 40     | ) n                                          |                        | R               |                |               |
| Description of  | Operation Fibi | NO PANGE     | Date Colle                                   | cted<br>J (S/o         | 1               | Shipped        | Ola           |
| Wilalkele Feell | ed<br>A        | 3            |                                              | <u> </u>               |                 |                | υφ            |
| Sampling Data   |                |              |                                              |                        |                 |                |               |
| Lab Use Only    | Sample #       | Results      |                                              |                        | Romari          | (8 01.         |               |
|                 | Tow-13         |              | (C)                                          | 15 ft                  | infron          | y of           | 200 Juliet 76 |
|                 | Tow 14         |              | @                                            |                        | 1/              | , ,            |               |
|                 | TOW-15         |              | 1                                            |                        | <i>ş</i> (      | 11             |               |
|                 | Tow-16         | BIAN         | 2                                            |                        | -               |                |               |
|                 | Tow-17         | BAN          | K                                            |                        |                 |                |               |
|                 | - Cumum        | <b>k</b>     |                                              |                        |                 |                |               |
| - A*R           | Towns of       | 10 m         | کے                                           |                        |                 |                |               |
|                 | 10 with        | BIATS        | <u>.                                    </u> |                        | 7,77            |                |               |
|                 |                |              |                                              |                        |                 |                |               |
|                 |                |              |                                              |                        |                 |                |               |
|                 | •              |              |                                              |                        |                 |                |               |
|                 |                |              |                                              |                        |                 |                |               |
| Comments to L   | ab:            | 1            |                                              |                        | <u> </u>        |                |               |
|                 |                |              |                                              |                        |                 |                |               |

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

State Military Reservation

Job Name:

Towson (Old) Clear III

Chain Of Custody:

150761

Address:

301-IH Old Bay Lane, Attn; NGB-AVN-SL

Havre de Grace, Maryland 21078

Job Location:

P.O. Number:

Towson Armory

Not Provided

Date Submitted:

7/12/2006

Attention:

Not Provided Job Number:

Person Submitting: Date Analyzed:

7/12/2006

Report Date:

12-Jul-06

Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample Client Sample<br>Number Number |                | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | •      | orting<br>mit | Final R | esult  | Comments |
|-------------------------------------------|----------------|---------------|-------------|-------------------|---------------------|--------|---------------|---------|--------|----------|
|                                           |                |               |             |                   |                     |        |               |         |        |          |
| 0665970                                   | 20060711TW2 01 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 2900    | ug/ft² |          |
| 0665971                                   | 20060711TW2 02 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 880     | ug/ft² |          |
| 0665972                                   | 20060711TW2-03 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 1500    | ug/ft² |          |
| 0665973                                   | 20060711TW2 04 | Flame         | Wipe        | ***               | 0.111               | 10.801 | ug/ft²        | 410     | ug/ft² |          |
| 0665974                                   | 20060711TW2 05 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 2100    | ug/ft² |          |
| 0665975                                   | 20060711TW2 06 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 1100    | ug/ft² |          |
| 0665976                                   | 20060711TW2 07 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | 130     | ug/ft² |          |
| 0665977                                   | 20060711TW2 08 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | 2100    | ug/ft² |          |
| 0665978                                   | 20060711TW2 09 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/fl²        | < 110   | ug/ft² |          |
| 0665979                                   | 20060711TW2 10 | Flame         | Wipe        | ***               | 0.111               | 108.01 | uជ្ជ/ជិ²      | 400     | ug/ft² |          |
| 0665980                                   | 20060711TW2 11 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | 120     | ug/ft² |          |
| 0665981                                   | 20060711TW2 12 | Flame         | Paint Chip  | ****              | N/A                 | 0.01   | %Pb           | 0.15    | %Pb    |          |
| 0665982                                   | 20060711TW2 13 | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug            | < 12    | ug     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratorics, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the coodition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear III

Chain Of Custody:

150761

Address:

301-III Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson Armory

Date Submitted:

7/12/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting: Date Analyzed:

7/12/2006

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

32-3ul-06

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped.

Reporting

associated with these samples.

Final Result

Report Date:

Number

Number

(L)

(ft²)

Limit

See QC Summary for analytical results of quality control samples

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water, SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

ma/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

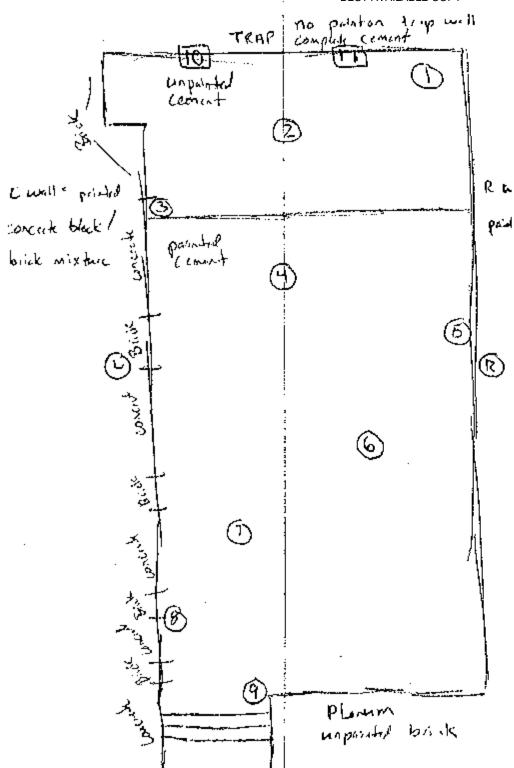
Technical Manager:

Analyst:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.

## Towson (0/0) III

Floor, I from trop, I from @ well OI 6' from trop, 9' from @ will 07 Il' from trop adjusted to @ well 03 15' from from 9' Hom @ well 30' from top, about hill well 05 45' from trup, 5' from @ well 68 60' from trop, 6' from @ well 07 1 75' from trop, adjected to @ wall 68 Floor, 90' from trop. 6' from @ well 64 Wall, trop, 6' from Autch in ( will, 3' for 10 well, trop, 6' from @ well, 6' from sloor HBulk, paint from floor 12





AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. \* Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

150761

| Mailing/Billing Info         | mai         | tion:                         |           | ш        |              |             |                 |                     |               |          |               | Intorn                                 |          |        |                      |              | \            |                |              | ~~ ===                 |                               |                |
|------------------------------|-------------|-------------------------------|-----------|----------|--------------|-------------|-----------------|---------------------|---------------|----------|---------------|----------------------------------------|----------|--------|----------------------|--------------|--------------|----------------|--------------|------------------------|-------------------------------|----------------|
| 1. Client Name: N            | e R         | Kegion Noc                    | <u>+h</u> | 171      |              |             |                 |                     |               |          |               |                                        |          |        |                      |              |              |                |              |                        |                               |                |
| 2. Address 1: 301            | - 1         | H Old Bay L                   | ane       |          |              |             |                 |                     |               |          |               | cation:                                |          |        |                      |              |              |                |              |                        |                               |                |
| 3. Address 2: Hay            | (2          | de Grace, t                   | 1D        | 2        | 1078         |             |                 |                     | 3             | . Jo     | b#.           | t Person                               |          | 0.0    | Da                   | 000          | nois         | 10             | _ P.O        | . #:                   |                               |                |
| 4. Address 3:                |             |                               |           |          |              |             |                 |                     | _ 4           | . C      | ontac         | t Person                               | n:       | on-    | Re                   | spo          | nsi          | <u>/</u> E     | ***********  | @ phone #              | 410 942 02                    | -73            |
| 5. Phone # 410               | 94          | 2 0273                        | Fa:       | x #:     | 410 4        | 342_        | 2.5             | 54                  | 5             | . St     | ubmit         | tted by:                               | _        |        |                      |              |              |                | \$           | ignature: Non-R        | esponsive                     |                |
| ☐ Please include CO          | C/fie       | ld data sheets with re        | sults     |          | Reporti      | ng Info     | mat             | ion (Re             | sults v       | will b   | e pr          | ovided                                 | as s     | oon a  | as te                | chnic        | illy fe      | asibl          | e);          |                        |                               |                |
| Date & Time Results          | Req         | uired://                      | ν         | _@_      | 1700         | <b>30</b> m | md.             | 24hı                | - □48         | hr [     | ]72h          | ¤ □5 I                                 | Эау      | + □I   | mm                   | d. Afts      | r-Hou        | ırs* [         | 24h          | r After-Hours* 🄲 La    | tte-Night* (*must be          | pre-scheduled) |
| O Verbals:                   |             | @ cell #                      |           |          | a            | Fax Co      | ру:             |                     |               |          | @             | fax #.                                 |          |        |                      |              |              | _ •            | Email        | i Copy:                | @                             |                |
| Asbestos Analysis            |             | •                             |           |          |              | TEM B       |                 |                     |               |          |               |                                        |          |        |                      |              | L            | ead A          | natysi       | s 1                    |                               |                |
| PC MCR Opposite              | ne F        | ilter Type:<br>in a 25mm 37mm |           |          |              |             |                 |                     |               |          |               | (Q                                     |          |        |                      |              |              | (2)<br>101     | Paint (      | Thip 1 (Q              | ost ) 12                      | (OTY)          |
| □ NIOSH 7400                 |             | (OTY)                         |           |          |              |             | vi ai<br>Residi | ate PLW<br>sal Ash_ | I/ I GIVI     |          | (OT           | (QT                                    | 1)       |        |                      |              |              | ű              | Air          | (QTY)                  | /                             | _(\( \alpha \) |
| ☐ NIOSH 7400<br>☐ Fiberglass |             | (QTY)                         |           |          |              | TEM D       | ust             |                     |               |          |               |                                        |          |        |                      |              |              | - Q            | Soil/Se      | olid(Q1                | ΓY)                           |                |
| TEM Air - Please Indica      |             |                               |           |          |              |             |                 |                     |               |          |               | ······································ |          |        |                      |              |              |                |              | (QTY)                  |                               |                |
| PC MCE Porosity,             |             | in a 25mm 37mm                |           |          |              |             |                 |                     |               |          |               | 5                                      |          |        |                      |              |              |                |              | ng Water               |                               |                |
| ☐ AHERA<br>☐ NIOSH 7402      |             | (QTY)                         |           |          |              | TEM W       |                 | (s/area)            | Dust D        | 548U+    | .99           |                                        |          | (Q1Y   | )                    |              |              | ä              | Dust V       | Water(                 | œ)                            | (OTY)          |
| Other (specify               |             | )                             | _(QTY     | ()       |              |             | auer<br>Dual.   | (pres/ab            | s)            |          |               | OTY)                                   |          |        |                      |              |              | _              | Dune 1       | wipe rainace (wipe 134 | ~ /                           | (Q11)          |
| PLM Bulk                     | I God       | imate(C                       | TV        |          |              | · 🔘 🤁 🤅     | ELAP            | 198.2/E             | PA 100        | 1.2      |               | ((                                     | QTY      | )      |                      |              | N            | Aold -         | Dîrec        | t Microscopie Analysi  | is                            |                |
| Li EPA Point Count           | t           | (OTY)                         | 2117      |          |              | <b>(1)</b>  | EPA 1           | 00.1                |               | (        | QTY           | )                                      |          |        |                      |              |              | Ų              | Spore-       | Trap(QTY)              | "J Bulk (QTY                  | )              |
| NY State Friable             |             | (QTY)                         |           |          |              | 3           | ll sa           | mples re            | ccived        | in go    | od cor        | ndition u                              | intes    | s othe | rwisc                | noted        |              | H              | Surfac       | e Swab(QTY)            | ☐ Other (Specify              | ISI(QTY)       |
| Grav. Reduction              | ELA         | .P 198.1                      | (QTY)     |          |              |             |                 | ater sam            |               |          |               |                                        |          |        |                      |              |              | _              | Sattac       | c rape(Q11)            | Carolice (Specify             | _/(Q11/        |
| i Other (specify             | 9           | SAMPLE INFORMAT               | LION      | . )      |              |             |                 |                     | ANALY         | SIS      |               |                                        |          |        | . N                  | LATRI        | x            |                | ~            | С                      | LIENT CONTACT                 |                |
| CLIENT ID                    | •           | SAMPLE LOCATION/              |           |          | OLUME        |             | 1               | 3 / 8               | $i / \vec{s}$ | 13       | ફ /           | MOLD<br>Alle                           | <u> </u> | ž /    | LS3                  | / F28        | 83           | / 🚆            | / ₹          | /                      | ND ATTORN CTARTS ONT          |                |
| NUMBER                       |             | IDENTIFICATION                | 1         |          | (LITTERS)    | AREA        | # ( '           | = / =               | - F           | 1        | -             | <del>-</del> 1 -                       | +        | =      |                      | # 46         | - A-         | ( ==           | 15           | · ·                    | ORATORY STAFF ONI<br>Contact: | By:            |
| 2006 0711 TW2                | 1           | Floor                         | 11        | -        |              | 3,57        | +               |                     |               | 竹        | $\rightarrow$ | -                                      | +        | -      | 7                    |              |              |                | $\vdash$     | Date/Time:             | Contact:                      | Бу.            |
| <del></del>                  | 22          |                               | +         |          |              | <del></del> | +-              |                     | +-            | +        | $\dashv$      | _                                      |          |        | +                    |              |              |                | <del> </del> |                        |                               |                |
|                              | 3           |                               | +         | -        |              |             | ┿               |                     |               | ┿        |               |                                        | -        |        | +-                   |              | L            | <del> </del>   | ļ            |                        |                               |                |
|                              | ĸ           |                               | -         | 1-       |              | -           | +               | _                   |               | ++       | -             |                                        | -        |        | ╁┈                   | <del> </del> |              | ļ              | ·            |                        |                               |                |
|                              | 5           | <del></del>                   |           | -        |              | +           | +               |                     |               | +        |               |                                        |          |        | ┼                    | -            |              | <del> </del> - | <del> </del> | Date/Time:             | Contact:                      | By:            |
|                              | 6           |                               |           | $\vdash$ |              |             | +               |                     |               | $\dashv$ |               |                                        |          |        | +                    |              |              | 1              | <del> </del> |                        |                               |                |
|                              | ח           | J                             |           | 1        |              |             | _               |                     |               | +        | -             |                                        |          |        | +-                   |              |              | <del> </del>   |              |                        |                               |                |
|                              | 8           | Y                             |           |          |              |             | 4-              |                     |               | 1        |               |                                        | +        |        | 1-                   | ļ            |              |                | <u> </u>     |                        |                               |                |
|                              |             | Floor                         | -         | -        |              |             | +               |                     |               | ╀        |               |                                        | -        |        | +                    |              |              | -              |              | Date/Time:             | Contact:                      | By:            |
|                              |             | Wall                          |           |          |              |             | -               |                     | _             | +        | $\dashv$      | _                                      | +        |        | ₩                    |              |              | <del> </del>   | <del></del>  | <del> </del>           |                               |                |
|                              |             | Wall                          |           |          |              | _V          | _               |                     |               |          | -             |                                        | +        | _      | Y                    |              |              | -              | -            | 1                      |                               |                |
|                              |             | Bulk, paint                   | -         | -        |              | N           |                 |                     |               |          | _             |                                        | - 2      | ×Į.    | _                    | -            |              | ļ              | +            |                        |                               |                |
| 20060711TW2                  | 13          | Blank                         |           |          |              | NIP         | 1               |                     |               | V        |               |                                        | 1        |        | $\stackrel{\sim}{-}$ |              |              |                |              | L                      | Посто                         |                |
| LABORATORY S  1. Date/       | TAI<br>Time | FF ONLY: (CUSTO)              | <u>12</u> | 11       | <u> Ze</u> @ | (SC)        | Viz:            | Fec                 | JE            | X        | _By (         | (Print):                               | N        | on     | -  -                 | (es          | spo          | on             | SIV          | Sign: _                | n-Respon                      | sive           |
| 2. Date/                     | Time        | Analyzed:                     | /         |          | /            | @           | I               | By (Print           | ):            |          |               |                                        |          | ><     |                      |              | Sign         | :              |              |                        |                               |                |
|                              |             | eported To:                   |           |          |              |             |                 | -                   | . Via: .      | Q2       | △             | $T^{Da}$                               | ite:_    | 1      | _/                   | 16           | <b>)</b> _/_ |                | L W          | ime:                   | Initia                        | on-Responsive  |
|                              |             | * Reading Room                |           |          |              |             |                 |                     |               |          |               | COPY                                   |          | 1      |                      | 1            |              |                |              | FOIA-Requested R       |                               |                |
| May, 2018                    |             | <u> </u>                      |           |          |              |             |                 |                     |               |          |               |                                        |          |        |                      |              |              |                |              |                        | National Guard Bu             |                |
| •                            |             |                               |           |          |              |             |                 |                     |               |          |               |                                        |          |        |                      |              |              |                |              |                        | Page 404 of 52                | 269            |



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) 150761

| Mailing/Billing Infor                     | mation:                                   |                                                   |                              |               | ubmitta                | l Informa  | tion:     | (                  |                        |                      | AR III                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------|-------------------------------------------|---------------------------------------------------|------------------------------|---------------|------------------------|------------|-----------|--------------------|------------------------|----------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Client Name: N                         | B Region Nor                              | th III                                            |                              |               | . Job N                | ocation:   | Tall      | <u> </u>           | 0000                   | <u> </u>             |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2. Address 1: <u>301</u>                  | IH OLE Bay L                              | ane                                               |                              |               |                        |            | 10003     | · · ·              | AKM                    |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           | re de Grace, 1                            |                                                   |                              |               |                        |            | Von E     | 20ch               | onciv                  | P.O                  | . #:                                    | 1114 942 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 772                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4. Address 3:                             | 142 0273                                  |                                                   | 110 000 0-6                  | 4             | I. Conta               | ict Person | NOII-F    | resp               | OHSIV                  |                      | @ phone #<br>Signature:_Non-R           | esponsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                           |                                           |                                                   | 110 992 025                  | <u> </u>      | ). Subm                | itted by:  |           | . 4 1              | M Fr                   | S                    | ignature:_                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A V. Martin Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee of the Committee o |
| O Please include COC                      | /field data sheets with re<br>Required:// | sulus de                                          | Reporting Information        | m (Results)   | wин ве р<br>гъ∗ ⊏72    | rovided as | S SOOM RE | s tecnno<br>prod A | icany rea<br>fter-Hour | sibie);<br>c× 5∏246. | r Affar Hours Til                       | ate-Night* (*must k                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ne pre-scheduled)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Date & Time Results I                     | @ cell #                                  | سد فاستعما                                        |                              | ]240F []40    | ے / نے ا               | ⊚ e*** **  | y + 🗀 II  | muo. A             | ici-nout               | عدستا □              | Coord                                   | anc-ragni ( mosco<br>@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | to pro-schedules,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                           | @ cell #                                  |                                                   |                              |               |                        | 8 14X +    |           |                    |                        | d Analysi            |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Asbestos Analysis PCM Air - Please Indica | te Filter Type:                           |                                                   | <u>TEM Bulk</u><br>□ ELAP I  | 98.4/Chatfiel | d                      | (OT        | Y)        |                    | Le                     | M Daine              | obin 1 co                               | TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PC MCE Porosity_                          | in a 25mm 37mm                            |                                                   | LI NY Stat                   | e PLM/TEM     |                        | COTY       |           |                    |                        | 🔀 Dust V             | Vipe (wipe type <u>G</u>                | <u> 12 ( +20</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ☐ NIOSH 7400<br>☐ Fiberglass              |                                           |                                                   |                              | J Ash         | (Q                     | (TY)       |           |                    |                        |                      | (QTY)<br>olid(Q                         | TTV1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TEM Air - Please Indica                   |                                           |                                                   | TEM Dust                     | res/abs) Vacu | sum/Dust               |            | (OTY      | ١                  |                        | 3 TCLP               | (QTY)                                   | 11;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PC MCE Porosity_                          | in a 25mm 37mm                            |                                                   | Ouan. (                      | s/area) Vacuu | m D5755-               | 95         | {Q'}      | TY}                |                        | 🖵 Drinki             | ing Water                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ☐ AHERA<br>☐ NIOSH 7402                   | (Q1Y)<br>(OTY)                            |                                                   |                              | s/area)Dust D | 6480-99_               |            | (QTY)     |                    |                        | □ Waste              | Watere<br>Vipe Furnace (wipe ty         | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Other (specify                            | )                                         | _(QTY)                                            | TEM Water  Oual, or          | res/abs)      |                        | (YTO).     |           |                    |                        | - Dust 1             | wipe ruthace (wipe ty                   | /~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PLM_Bulk<br>D_EPA 600 - Visual            | Estimate(C                                | OTY)                                              | □ ELAP I                     | 98.3/EPA 100  | 0.2                    | (Q`        | TY)       |                    | Me                     |                      | t Microscopic Analys                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| C EPA Point Count                         | (QTY)                                     |                                                   |                              | 0,1           |                        |            |           |                    |                        | ☐ Spore ☐ Sorfee     | -Trap(QTY) se Swab(QTY                  | Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1 (Q1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FY)<br>Dust (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ☐ NY State Friable                        | (QTY)<br>ELAP 198.1                       | (OTV)                                             |                              | ples received |                        |            | ess other | wise not           | cd.                    | Surface              | e Tape(QTY)                             | Other (Specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1 Other (specify                          | )                                         | _(QTY)                                            |                              | ter samples   |                        |            |           |                    |                        |                      |                                         | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           | SAMPLE INFORMAT                           | rion                                              | DLUME WIPE / 3               | ANAL          | YSIS                   | 3,         | 131       | MAT                | RLX<br>. #1 #4 /       | \$ 1 B               | · , · · · ·                             | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CLIENT ID<br>NUMBER                       | SAMPLE LOCATION/<br>IDENTIFICATION        | DATE (L                                           | THERS) AREA $\int \tilde{S}$ | ANAL<br>A Ž Ž | 1 4 /                  | 5/ \$      |           | <u>3</u> ∫ \$ 3    | <u> </u>               | 7 / 3                | / (LAB)                                 | ORATORY STAFF O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 20060311TW2 0                             | Floor                                     | الاد                                              | ц*,ч*                        |               | $\times$               |            |           | <u>~</u>           |                        |                      | Date/Time:                              | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                           | 2 1                                       |                                                   |                              |               |                        |            |           |                    |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0                                         | 3                                         |                                                   |                              | 1             |                        |            |           |                    |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0                                         | 4                                         |                                                   |                              |               |                        |            |           |                    |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0                                         | S                                         |                                                   |                              |               |                        |            |           |                    |                        |                      | Date/Time:                              | Contact;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 0                                         |                                           |                                                   |                              |               |                        |            | T T       |                    |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           |                                           |                                                   |                              |               |                        |            | l         |                    |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0                                         |                                           |                                                   |                              |               |                        |            |           | 1 1                |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ***************************************   | 1 Floor                                   |                                                   |                              |               |                        |            |           |                    | 1                      |                      | Date/Time:                              | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                           | o Wall                                    |                                                   |                              |               |                        |            |           |                    | 1                      |                      | Date France                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ······                                    | 1 Wall                                    | <del>                                      </del> | 17/                          |               | <del>-   -   -  </del> |            |           | $\checkmark$       |                        |                      | 1                                       | THE SHAPE OF THE PROPERTY OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF TH |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           | 2 Bulk print                              | <del></del>                                       | AN                           |               |                        |            |           | *                  |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10060711TW2 1                             |                                           | 1//                                               | NA                           |               |                        |            |           | _                  |                        |                      |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           |                                           | nv)                                               |                              |               | <del></del>            |            | Nor       | 1-R                | espo                   | onsi                 | Ve Noi                                  | n-Resno                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | nsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LADUKAIUKI S                              | TAFF ONLY: (CUSTO)                        | "i2 / 0                                           | Wiscola J                    | ted E         | X BV                   | t (Print): |           |                    | J O P                  |                      | Sign:                                   | ricope                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                           | ime Analyzed:                             |                                                   |                              |               |                        | , ,,,,,    |           |                    |                        |                      | ~ · · · · · · · · · · · · · · · · · · · |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2. Dater)                                 | s Reported To:                            | · ·                                               | D                            | y (17201);    | 00                     | ۸          | . 4       | / 1                |                        | ( , ,                | ime:                                    | T-i+i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Non-Responsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                           |                                           |                                                   |                              |               |                        |            |           | ' <del>-</del>     | _                      |                      | uiro:                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4. Comm<br>Posted to NGB FO               | A Reading Room                            |                                                   |                              | BESTA         | VAILAB                 | LE COPY    | ·         |                    |                        |                      | FOIA Requested                          | 1 Record #J-15-008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear III

Chain Of Custody:

150761

Address:

301-IH Old Bay Lane, Attn. NGB-AVN-SL

Job Location:

Towson Armory

Date Submitted:

7/12/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

7/12/2006

Report Date: 12-Jul-06

Attention:



Posted to NGB FOIA Reading Room

May, 2018

## Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | . Air Volume<br>(L) | Area Wiped<br>{fit <sup>2</sup> } | Report<br>Lim | 6.7    | Fin | al Result |                  | Comments |
|----------------------|-------------------------|---------------|-------------|---------------------|-----------------------------------|---------------|--------|-----|-----------|------------------|----------|
|                      |                         |               | . :         |                     | ,                                 |               |        |     |           |                  |          |
| 0665970              | 200607111"W2 01         | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/fl² | 2   | 1900 ид   | ft <sup>2</sup>  |          |
| 0665971              | 20060711TW2 02          | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/lt² |     | 880 ug    | ft <del>"</del>  |          |
| 0665972              | 20060711TW2 03          | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/it² | I   | 500 ug    | ft²              |          |
| 0665973              | 20060711TW2 04          | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/ft² |     | 410 ug    | /ft <sup>2</sup> |          |
| 0665974              | 20060711TW2 05          | Hame          | Wipe        | ****                | 0111                              | 108,01        | ug/ft² |     | 2100 ug   | /ft²             |          |
| 0665975              | 20060711TW2 06          | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/ft² | 1   | 100 ug    | /ft²             |          |
| 0665976              | 20060711TW2 07          | Flame         | Wipe        | ****                | 0.111                             | 108.01        | ug/ft² |     | 130 ug    | /ft²             |          |
| 0665977              | 20060711TW2 08          | Flame         | Wipe        | ****                | 111.0                             | 108.01        | ug/ñ²  |     | 2100 ug   | /ft²             |          |
| 0665978              | 20060711TW2 09          | Flaine        | Wipe        | ****                | 111.0                             | 108.01        | ug/ft² | <   | 110 ug    | /ft²             |          |
| 0665979              | 20060711TW2 10          | Flame         | Wipe        | >= 4 # <b>4</b>     | 0.111                             | 108.01        | ug/ft² |     | 4000 ug   | /R²              |          |
| 0665980              | 20060711TW2 11          | Flame         | Wipe        | ****                | 0 111                             | 108.01        | ug/fl² |     | 1200 ug   | /ft²             |          |
| 0665981              | 20060711TW2 12          | Flame         | Paint Chip  | ****                | N/A                               | 0.01          | %Pb    |     | 0.15 %    | Pb               |          |
| 0665982              | 20060711TW2 13          | Flame         | Wipe Blank  | ****                | N/A                               | 12.00         | пŝ     | <   | 12 ug     |                  |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us, Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

150756

Address:

301-IEI Old Bay Lone, Attn. NGB-AVN-SL

Job Location:

Towson, Maryland

Date Submitted:

6/15/2006

6/15/2006

State Military Reservation

illavre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting: Date Analyzed:

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

15-Jun-06

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>mit      | F | inal Res | ult                 | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|--------------------|---|----------|---------------------|----------|
|                      | <b>**</b>               |               | • .         | ****              | 6.11)               | 1000   |                    |   | 110      | /82                 |          |
| 0657896              | TOW-1                   | Flame         | Wipe        |                   | 0.111               | 108.01 | ug/fi²             | < | 110      | ug/ft²              |          |
| 0657897              | TOW-2                   | Flame         | Wipe        | 4444              | 0.111               | 10.801 | $ug/\Omega^2$      | < | 110      | aā\ijt <sub>s</sub> |          |
| 0657898              | TOW-3                   | Flame         | Wipe        | 4*4*              | 0.111               | 108.01 | ug/ft²             | < | 110      | ध्दार्गा²           |          |
| 0657899              | TOW-4                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²             |   | 120      | ug/ft°              |          |
| 0657900              | TOW-5                   | Flame         | Wipe        | ** + *            | 0.111               | 108.01 | ug/ft³             |   | 330      | u2/ft*              |          |
| 0657901              | TOW-6                   | Flame         | Wipe        | 维力水外              | 111.0               | 108.01 | ug/it²             | < | 110      | ug/ll²              |          |
| 0657902              | TOW-7                   | Flame         | Wipe        | ****              | <b>6</b> 111        | 108.01 | $n\bar{a}/\mu_s$   | < | 110      | սց/մն               |          |
| 0657903              | TOW-8                   | Flame         | Wipe        | ****              | 1410                | 10.801 | ug/ft²             | < | 110      | ug/ft²              |          |
| 0657904              | TOW-9                   | Flame         | Wipe        | ****              | D.111               | 108.01 | $ug/h^2$           |   | 140      | ug/ft²              |          |
| 0657905              | TOW-10                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | ពនិ/្ស្រ           |   | 250      | ug/ft²              |          |
| 0657906              | TOW-11                  | Flame         | Wipe        | 4 2 4 4           | 0 111               | 108.01 | ug/ft²             |   | 320      | ug/ft²              |          |
| 0657907              | TOW-12                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | սց/մն              |   | 420      | ug/ft³              |          |
| 0657908              | TOW-13                  | Flame         | Wipe        | ***               | 111.0               | 10.801 | ug/ft²             |   | 580      | ug/ft²              |          |
| 0657909              | TOW-14                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | $ug/\hbar^{\perp}$ |   | 170      | ug/ft²              |          |
| 0657910              | TOW-15                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²             |   | 700      | ug/ft²              |          |
| 0657911              | TOW-16                  | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug                 | < | 12       | ug                  |          |
| 0657912              | TOW-17                  | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug                 | < | 12       | មន្ត                |          |
|                      |                         |               |             |                   |                     |        |                    |   |          |                     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of hulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.



#### CERTIFICATE OF ANALYSIS



Client: Address: National Guard Bureau

State Military Reservation Havre de Grace, Maryland 21078

301-III Old Bay Lane, Attn. NGB-AVN-SI,

Job Name: Job Location:

Job Number:

P.O. Number:

Towson (Old) Clear III

Chain Of Custody:

150761

Fowson Armory Not Provided

Not Provided

Date Submitted:

Date Analyzed:

7/12/2006

Person Submitting:

7/12/2006

Report Date:

12-Jul-06

Attention:

## Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume (L)

Area Wiped (ft2)

Reporting Limit

associated with these samples.

Final Result

See OC Summary for analytical results of quality control samples

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids; EPA 600/R-93/200(M)-7420; Water; SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water; SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)ug = micrograms

ug/L ≃ parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note. All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NYLAP Accreditation applies only to polarized light microscopy of hulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Covernment. All rights reserved. AMA Analytical Services, Inc. NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                | Industria  | l Hygiene S |            |                         |        |                    | <u>.                                    </u> |          |
|----------------|------------|-------------|------------|-------------------------|--------|--------------------|----------------------------------------------|----------|
| Return Addres  | , ARNG     | BAY LANG    | Point      | of Contact<br>Responsi  |        | •                  |                                              |          |
| 301 - 3        | TH OID!    | BAY LANG    | 2011       |                         | 7      | 0-442              | 5420                                         |          |
| HAVRO          | e de Gra   | ce, ms 210  | 78 Sam     | ites Collect<br>on-Resp | onsiv  | e                  |                                              |          |
| Sampled Facili |            | City        | State      |                         | Locati | on <i>(bldg/ar</i> | ea)                                          | $\neg$   |
| Touson         | Ų          | 0 Eiginal   | Ju5        |                         |        |                    |                                              |          |
| Description of | Operation  |             | Date Colle | cted                    | 1      | ate Shipped        |                                              |          |
| LND            | OR FIEL    | ng Range    | 137m       | <u> 406</u>             |        | 13 Jus             | 106                                          | _        |
|                | 4 <u>\</u> |             |            |                         |        |                    |                                              | Ì        |
| Sampling Data  |            |             |            |                         |        |                    |                                              |          |
| Lab Use Only   | Sample #   | Results     |            |                         | Ren    | narks              | look -                                       |          |
|                | Tow-13     |             | (L)        | 15 ft                   | infr   | to two             | <u>Dullet</u>                                | 78       |
|                | Tow-14     |             | (1)        |                         | 17     | 15                 |                                              |          |
|                | TOW 15     |             | 1          |                         | , (    | 11                 |                                              |          |
|                | Tow-16     | Blank       | 2          |                         |        |                    |                                              |          |
|                | Tow-17     | BANI        | K.         |                         |        | 111 444            |                                              |          |
|                | Faw-18     | -           |            | 711-10                  |        |                    |                                              |          |
|                | 7000-19    | Blank       | حنع        |                         | -      | V-10-              |                                              |          |
|                | Tow 20     | Blank       |            | - "                     |        |                    |                                              |          |
|                | 770.0      |             |            |                         |        |                    |                                              |          |
|                |            |             |            |                         |        |                    |                                              |          |
|                | TPA        |             |            |                         |        | <u> </u>           |                                              | -        |
| <u> </u>       | ****       |             |            |                         |        |                    |                                              |          |
| Comments to L  | ab:        |             |            |                         |        |                    | · · · · · · · · · · · · · · · · · · ·        | $\dashv$ |
|                |            |             |            |                         |        |                    |                                              |          |

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                          | Industri        | al Hygiene S      | Surf  | ace Wipe Sar                      | nple Sheet                             |
|--------------------------|-----------------|-------------------|-------|-----------------------------------|----------------------------------------|
| Return Addres            | ARNG<br>BOIL IT | 1 Old BAY         | Lary  | Point of Contact<br>Non-Responsiv | (name & phone #)                       |
| . }                      | taure de        | . Grace, m<br>210 | 0     | Samples Collecte                  | ed By                                  |
| Sampled Facili           | ž.              | City              |       | State                             | Location (bldg/area)                   |
| Towson<br>Description of |                 | original          | Date  |                                   | エFR<br>Date Shipped                    |
| FU100                    | e Firing        | 3 RANGE           | 13    | Junole                            | 13 Jun 06                              |
| Analysis Desire          | ed              |                   |       |                                   |                                        |
| Sampling Data            |                 |                   |       |                                   |                                        |
| Lab Use Only             | Sample #        | Results           |       |                                   | Remarks                                |
|                          | Tow-1           |                   |       | Stalks lead                       | ontlook on tot.                        |
|                          | Tow-2           |                   |       | ON VICTOR O                       | MINTERS COMMENTER XIII                 |
|                          | Tow-3           |                   |       | B) 9ht                            | NZIDE STATRUETT FO                     |
|                          | T0W4            |                   |       | RY NOND CO                        | r wall                                 |
|                          | Tow5            |                   |       | RY MAND                           | SIDE-FLOOR                             |
|                          | Tow 6           |                   |       | BACK WAL                          | 1 0x1 1004<br>54 nde 12 12 17 14 140 ~ |
|                          | Tow7            |                   |       | 3 C4 FAO                          | ~ Floor                                |
|                          | Tow &           |                   |       | COWALL IS                         | St thon back of Pt high                |
|                          | Tow 9           |                   |       | MIDDLE RA                         | nde on + 100x                          |
|                          | Tow 10          |                   |       | D Behind                          | built tration                          |
|                          | Towll           |                   | _   _ | <u>n</u>                          | . /                                    |
|                          | T0W12           |                   |       | 叶 (1                              | 2 1                                    |
| comments to La           | ıb:             | 6.22              |       |                                   |                                        |



4475 Forbes Blvd. • Lacham, MD 20706

www.amalab.com

(301) 459-3840 • (300) 346-0961 • Fax (301) 459-2643

BEST AVAILABLE COPY AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920):

CHAIN OF CUSTODY

(Please Refer To This.) Number For Inquires):

159758

 Mailing/Billing Information:
 Submittal Information

 1. Client Name:
 シャック シンモル
 1. lob Name:

 Submittal Information: 2. Job Location: TotalSon Nandard \_\_\_\_\_ 3. Job#: \_\_\_\_\_\_ \_\_\_\_\_\_ 4. Contact Person: \_\_\_\_\_\_\_ @ phone # \_\_\_\_\_\_\_ 5. Phone # <u>トゥーランファラファラー Fax # トゥーランファウスタム</u> 5. Submitted by: <u>Signature:</u> Please include COC/field theta sheets with results Reporting Information (Results will be provided as soon as technically (easible); Asbestos Analysis TEM Bulk Lend Analysis PCM Art - Piease Indicate Filter Type CI ELAP 198.4/Chatrield \_\_\_\_\_\_(QTY) PC MCE Porosity \_\_\_\_ in a 25mm 37mm O NY SOIR PLANTEM\_\_\_\_\_(QTY) □ NIOSH 7400\_\_\_\_\_(QTY) ☐ Residual Ash (OTY) □ A±\_\_\_\_\_(QfY) ☐ Fiberelass \_\_\_\_\_\_(OTY) □ SoiUScid\_\_\_\_\_(QTY) TEM Dust TEM Air - Flease Indicate Filter Type: ■ Qual. (pres/abs) Vacuum. Doșt\_\_\_\_\_\_\_\_(QTD) : ☐ TCLP\_\_\_\_(QTr) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm (QTY): (QTY) ☐ Drinking Wiger \_\_\_\_\_\_(QTY) □ AHERA (QTY) □ NIOSH 7402 (QTY) 3 Ouze, 18/2/28/Dost D6480-99\_\_\_\_\_\_(QTY) D Waste Wister\_\_\_\_\_\_(QTY) JEM Water Dist Wipe Farance (wipe type \_\_\_\_\_\_) \_\_\_\_(OTY) ☐ Qual. (pres/25s)\_\_\_\_\_\_(QTY) PEM Bulk ① ELAP 198 2/EPA 100.2 (QTY) ☐ EPA 600 - Visual Estimate \_\_\_\_\_\_(CTY). Mold - Direct Microscopic Analysis ☐ EPA 100.1 (QTY) ☐ EPA Point Count\_\_\_\_\_\_(QTY) □ Spore-Trap\_\_\_\_\_\_(QTY) □ Bulk \_\_\_\_\_\_(QTY)
□ Surface Swab \_\_\_\_\_\_(QTY) □ Surface Vacuum Dast \_\_\_\_\_\_(QTY) ☐ NY State Friable\_\_\_\_\_(QTY) ☐ All samples received in good condition orders otherwise neted. ☐ Grav. Reduction ELIAP 598.1 🖸 Surface Tape\_\_\_\_\_\_(OTY) 🗇 Other (Specify\_\_\_\_\_\_\_\_\_\_(OTY) 🖸 Other (specify\_\_\_\_\_ ./OTY) SAMPLE INFORMATION CLIENT CONTACT CLIENTED SAMPLELOCATION VOLUME WIPE NUMBER DATE (LITERS) AREA DESTIFICATION (LABORATORY STAFF ONLY) 6/:3 10 W-1 Date/Time: Contact: Re 7\*:5-2 Tew-3 Date:Time: Contact: By: Dete/Time: Contact: LABORATORY STAFF ONLY: (CUSTODY) 3. Results 3-ported To:
Posted to NGB FOIA Reading Room

Posted to NGB FOIA Requested Record #J-15-0085 (MD)

Tirred A Requested Record #J-15-0085 (MD) May 2098 ments: Released by National Guard Bureau Page 411 of 5269

AMA Analytical Services, Inc. AIHA (#102470) NVLAP (#101143-0) NV ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0661 • Fax (301) 459-2643

## CHAIN OF CUSTODY

(Please Refer To This Number For Incuires:

72531

150756

Page 412 of 5269

| www.amalah.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                  |                                                  |                                                  |                                                   |                                        |                            |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------|-------------------|
| Isiling/Billing Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | . 2                                              |                                                  | Submittal Inform                                 | nation:                                          |                                                   |                                        |                            |                   |
| Citera Name: 18 Homes &                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <del>ورسيزا کار بردر</del>                       | ·                                                | i. Job Name:                                     |                                                  |                                                   |                                        | <u>-</u>                   |                   |
| . Address to SC / IB CM E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | You Kirs                                         |                                                  | 2. Job Location:                                 | Touson.                                          | Marchan                                           | a                                      |                            |                   |
| . Address 2: Howard the Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20 M. D. 4                                       | 10.7%                                            | 3. Inb 6.                                        |                                                  | PO :                                              | <u>.</u>                               |                            |                   |
| . Adréress à                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |                                                  | · Contact Desc                                   | ٠.                                               |                                                   | A                                      |                            |                   |
| 3000 = 410-942-0273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fav at 11/0                                      | 44210269                                         | 5 Sedemited by                                   |                                                  |                                                   | e prions "                             |                            |                   |
| Please include COC/field data sheets w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ich escriter Recy                                | erina Informacion (Day                           | of self-the second-de-                           | on cana on tooksin                               |                                                   | inancie                                |                            |                   |
| Pate & Time Results Required/_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ucusanio wete                                    | வர் மென்ன மாம் இடை<br>உள்ளேன் சென்               | Case vou ov provided.<br>Case ⊃ane over          | es sumu es necuruca<br>Nova e Cilman e 1 1 i i i | шіў (ежыне):<br>« Окум ў Палья                    | سا⊐ میسادید ف                          | . Ni dae manna bir         | mark albanianis   |
| Vertais:@ cell+                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  | □ Pax Coov:                                      | ادري اداد.ي طاحتي<br>الاستواثث                   | ray + tillions: Auto                             | :-Humsaan:<br>Di£maild                            | Tomas                                  | er vigati i alas ar<br>iei | hre-witten be-    |
| Sbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |                                                  | t 12x ,                                          |                                                  |                                                   |                                        |                            |                   |
| CMAir - Please Indicate Filter Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | <b>IEM 8</b> 58 <u>k</u><br>G 図 ± 0 168 C/G      | atőeld(Q                                         | 125                                              | Lead Analysis                                     | ig:QT                                  | n                          |                   |
| PC MCE Prensity in a 25mm 37r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | tem                                              | O NY Rose OLAS                                   | IEMQT                                            | []'<br>V:                                        | ⊒ 2±11 € 1                                        | (7                                     | <u> </u>                   | ANTW:             |
| ☐ M0\$H74001QTY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  | Ti Pasiansi Aris                                 | (OTY)                                            | 21                                               | γ <b>20-</b> -34€ 193                             | ************************************** | v                          | , QUI             |
| □ 500Y:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | IEMQss                                           |                                                  |                                                  | □ Air<br>: 1 Sade . :                             |                                        | v                          |                   |
| FM Air - Pkoo Indica: Filter T. 10:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                                  | Vaccous Dust                                     | OTV                                              | <b>₩</b> 3019364                                  |                                        | 1                          |                   |
| PC MCF. Porosityin a 25mm 37r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ren                                              | Ti Ohan Zerini V                                 | acuum D\$755-95                                  |                                                  | u J.Cur⊥<br>Charlein                              | Water                                  | :07%                       |                   |
| DIAHERA(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  | il One (See Si)                                  | EC D6456490                                      | OTS)                                             | O nach                                            | eter:C                                 | TOTAL                      |                   |
| Q NIOSH 7402 (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  | TEM Rivor                                        | Le Direction of Land                             | :Q1:1                                            | 21 March 45                                       | au Turana an ing salah sa              | :;;                        | .073              |
| (1 Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (Q37)                                            |                                                  | (ÔTY)                                            |                                                  | G SOC III                                         | per union a sepe app                   | ·                          |                   |
| 3 E24.610 - Visual Estimate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ( <b>?T%</b> )                                   |                                                  | (QTY)                                            | <b>2000</b>                                      | ii - Marie - Charles                              | <u> Service Complete</u>               |                            | أستارن فيستبلغ في |
| LI EPA Point CourtQTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ii                                               |                                                  |                                                  |                                                  |                                                   | Swate (UTY)                            | Li Sumace Nacional Du      | s: <71:           |
| ☐ NY Seen Freable (QT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | r"i                                              | U Ali samoles co                                 | rerved in good condition                         | galesy wharvise tone.                            | · Section                                         | Tary UTA                               | <b>J</b> Ottari Specity    | QTY               |
| 🚅 Grav. Redución ELAF 1980.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (\$1.6).                                         | (TEM West sam                                    | ples                                             |                                                  |                                                   |                                        |                            |                   |
| ≟ Other (specif)ii                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (QTY)                                            |                                                  |                                                  | 11170                                            | nv                                                | C.                                     | LIENT CONTACT              |                   |
| SAMPLE INFO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  | ME WOS /3/8                                      | DATISIS 3                                        | 4 2                                              | 1 34 E                                            | f .                                    |                            |                   |
| COENTID SAMMELOCA  NUMBER DENTIFICAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | NE WITE   E   E                                  | NALYSIS OF                                       | \$   B   B   BB                                  | 1330 <u>夏 夏</u>                                   | <u> </u>                               | SCHOOL SERVICES            | Ď —               |
| TO C. 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12/15                                            | <u> </u>                                         |                                                  |                                                  |                                                   | Date/Tittle:                           | Contect.                   | <u></u>           |
| ribu-iS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | <del></del>                                      | <u> </u>                                         | <u> </u>                                         |                                                   |                                        |                            | - <del></del>     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del></del>                                      | <del>-                                    </del> | <del>┥</del> ╺ <del>┩┆</del> ┈╂╴                 | 1 1                                              |                                                   |                                        |                            |                   |
| Buck Buck                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <del>₩;</del>                                    | <del></del>                                      | <del>-}}</del>                                   | <del></del>                                      | <del> </del>                                      |                                        |                            |                   |
| 1000 17 Block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <del>`                                    </del> |                                                  | <del></del>                                      | <del>- </del>                                    | <del> </del>                                      | Date:Time:                             | Contact:                   | Bv:               |
| }i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <del></del>                                      | <del></del>                                      | <del></del>                                      | <del></del>                                      | <del></del>                                       | - Date   Inches                        |                            |                   |
| <del>                                     </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  | <del>_                                    </del> | <del>╎╾┊╸</del> ╎╺╅┄                             | <del>-   ·</del>                                 | <del>!-                                    </del> | <del> </del>                           |                            |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <del></del>                                      |                                                  | <del>-                                    </del> | <del></del>                                      | <del>;</del>                                      | <del> </del>                           |                            |                   |
| <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <del></del>                                      |                                                  |                                                  | <del></del>                                      | <del></del>                                       | <del>  </del>                          |                            | Rv-               |
| <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u> </u>                                         |                                                  | <u> </u>                                         |                                                  | <u> </u>                                          | Date/Time:                             | Contact:                   |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i                                                |                                                  |                                                  | <u> </u>                                         | <u>:                                      </u>    | <u></u>                                |                            |                   |
| V. N. S. C. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u> </u>                                         |                                                  | <u> </u>                                         | - F                                              | i                                                 | L                                      | <b>-</b>                   |                   |
| <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  | <del></del>                                      | · † · · · · · · · · · · · · · · · · · ·          |                                                  |                                                   |                                        | <i>_</i>                   |                   |
| The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon | <del></del>                                      |                                                  |                                                  |                                                  |                                                   |                                        |                            |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                  | <del></del>                                      | <u> </u>                                         |                                                   |                                        |                            |                   |
| LANGE TO SELECT ON A SINGLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Koon Int                                         | V                                                | BEST AVAILABLE C                                 |                                                  |                                                   | FQIA Requested                         | Record #J-15-0085 (        | MD)               |
| May 20 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 May 19 Ma | - X - X - X                                      | <b>16</b>                                        | By Prosur                                        |                                                  |                                                   | Poloscod b                             | v National Guard Rui       | roou              |

\$ in n-

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

150756

Address:

301-IH Old Bay Lanc, Attn: NGB-AVN-SI,

Job Location:

Towson, Maryland

Date Submitted:

6/15/2006

6/15/2006

State Milit

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Date Analyzed:

Non-Responsi

Report Date: 15-Jun-06

Attention:

Non-Responsive

Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | F | inal Res | sult   | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|----------|--------|----------|
| 0657896              | TOW-1                   | Flame         | Wipe        | 冰岸水中              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 065789 <b>7</b>      | TOW-2                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0657898              | TOW-3                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0657899              | TOW-4                   | Flame         | Wipe        | 非非常非              | 0.111               | 108.01 | ug/ft²         |   | 120      | ug/ft² |          |
| 0657900              | TOW-5                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 330      | ug/ft² |          |
| 0657901              | TOW-6                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0657902              | TOW-7                   | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0657903              | TOW-8                   | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0657904              | TOW-9                   | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 140      | ug/ft² |          |
| 0657905              | TOW-10                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 250      | ug/ft² |          |
| 0657906              | TOW-11                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 320      | ug/ft² |          |
| 0657907              | TOW-12                  | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 420      | ug/ft² |          |
| 0657908              | TOW-13                  | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 580      | ug/ft² |          |
| 0657909              | TOW-14                  | Flame         | Wipe        | 安安安安              | 0.111               | 108.01 | ug/ft²         |   | 170      | ug/ft² |          |
| 0657910              | TOW-15                  | Flame         | Wipe        | <b>单单单</b>        | 0.111               | 108.01 | ug/ft²         |   | 700      | ug/ft² |          |
| 0657911              | TOW-16                  | Flame         | Wîpe Blank  | <b>非老爺</b>        | N/A                 | 12.00  | ug             | < | 12       | ug     |          |
| 0657912              | TOW-17                  | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug             | < | 12       | ug     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (# 191143), & New York ELAP (#10920) Accredited Laboratory Requested Record #J-15-0085 (MD)

4475 Forbes Bivd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 Page 413 of 5269

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

150756

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson, Maryland

Date Submitted:

6/15/2006

6/15/2006

Address:

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting:

Date Analyzed:

associated with these samples.

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

15-Jun-06

AMA Sample Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments Limit Number Number (L)  $(ft^2)$ 

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) %Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

See QC Summary for analytical results of quality control samples



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.





## QC Summary

Sample Delivery Group: 13084

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

6/15/2006

| Result | Percent  |
|--------|----------|
|        | Recovery |
|        |          |

Comment

| Proparation Blank                |
|----------------------------------|
| Report Limit Verification Sample |
|                                  |

0.042 ppm 0.3471 ppm

104.1%

Acceptable Acceptable

Hxpccled Spike Level (ppm)

0.3333

mg/Kg

Duplicate Sample 2

Dupticate Sample 1

mg/Xg

#Error

RPD

#Erepe

Matrix Spike Analysis

Spiked Sample

98,17%

Acceptable Acceptable

Spike Duplicate Laboratory Control Sample 1

Laboratory Control Sample 2

281.336 258,005

μg

#Nom?

#Numi

94.48% 90.60% 4.20% Acceptable Acceptable

## Calibration Information

Correlation of Calibration Curvo:

0.998476

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

AMA Sample Number Chain Of Custedy

150756

57896

Client Sample Number

150786

57897

TOW-1 TOW-2

SDG Number:

13084

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150756           | 57898             | TOW-3                |
| 150756           | 57899             | TOW-4                |
| 150756           | 57900             | TOW-5                |
| 150756           | 57901             | 7OW-6                |
| 150756           | 57902             | TOW-7                |
| 150756           | 57903             | TOW-8                |
| 150756           | 57901             | TOV-9                |
| [50756           | 57905             | TOW-10               |
| 150756           | 57906             | TOW-L1               |
| 150756           | 57907             | TOW-12               |
| 150756           | 57908             | TOW-13               |
| 150756           | 57909             | TOW-14               |
| 150756           | 57910             | TOW-15               |
| 150756           | 57911             | TOW-16               |
| 150756           | 57912             | TOW-17               |
| 154251           | 57913             | W-001                |
| 154251           | 57914             | \V-002               |
| 152228           | 57918             | Planti-09A Floor     |
|                  |                   |                      |

SDG Number: 13034 Page 2 of 2

NGB-AVS-SG

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                | Industria | al Hygiene S | Surf    | ace Wipe Sa                      | mple Sheet                                                  |
|----------------|-----------|--------------|---------|----------------------------------|-------------------------------------------------------------|
| Return Addres  | B BOILTH  | ODBAY        | Lanu    | Point of Contact<br>Non-Responsi | /name & phone #) Ve 410 - 942-0273                          |
| . 5            | t aure de | GRACE, N     | 18<br>D | Samples Collect<br>Non-Respon    | ed By<br>ISIVE                                              |
| Sampled Facili | Ĭ.        | origiNA      |         | State                            | Location (bldg/area)<br>エドト                                 |
|                | e firing  | 3 RANGE      | Dat     | e Collected                      | Date Shipped 13 Jun 06                                      |
| Analysis Desir | ed<br>AD  |              |         |                                  |                                                             |
| Sampiling Data | r         |              |         |                                  |                                                             |
| Lab Use Only   | Sample #  | Results      | 3       | ~1                               | ONTION, ON TOP                                              |
|                | Tow - 1   |              |         | ON Class CA                      | outlook on tot.<br>Ding out of RANGE<br>outside containment |
|                | Tow-2     |              |         | ON WAI                           | f                                                           |
|                | Tow-3     |              |         | Right '                          | 3ft up                                                      |
|                | .Tow4     |              |         | RY HOND C                        | souce on floor                                              |
| 1.00 mark 10   | Tow5      |              |         | BY WANT                          | SIDE - Floor                                                |
|                | Fow 6     |              |         | MIDDLE OF                        | BANGETIS FI FROM                                            |
|                | Tow7      |              |         | Rt WALL                          | 5 ft from BACK WALL                                         |
|                | Tow 8     |              |         | RANGE 3                          | It high backer                                              |
|                | TOW 9     |              |         | MIDDLE R                         | ange on floor                                               |
|                | Tow 10    |              |         | 1 Dehin                          | > bullet trap on                                            |
|                | Towll     |              |         | (M) //                           | . 1                                                         |
|                | TOW 12    |              |         | [H] 11                           | ? !                                                         |
| Comments to L  | _ab:      |              |         |                                  |                                                             |

**NGB-AVS-SG** 

SUBJECT: All States (Log Number P01-0075) Army National Guard (ARNG) Safety and Occupational Health Program -- POLICY AND RESPONSIBILITIES FOR INSPECTION, EVALUATION AND OPERATION OF ARMY NATIONAL GUARD INDOOR FIRING RANGES

#### APPENDIX G SURFACE WIPE SAMPLING SHEET

|                         | Industria         | ıl Hygiene S | Surf | ace V      | Vipe Sa              | mple    | Sheet               | <u></u>       |     |
|-------------------------|-------------------|--------------|------|------------|----------------------|---------|---------------------|---------------|-----|
| Return Address          | ARNG<br>EHOLD     |              |      | Point      |                      | t (name | & phone #)<br>O-942 | 6420-         |     |
| HAVRO                   | e de Gra          |              |      | Samp       | les Collec<br>n-Resp | ted By  |                     |               |     |
| Sampled Facility TOUSON | •                 | ORIGINA      |      | State      | Λ                    |         | ion (bldg/are       | ea)           |     |
|                         | Operation  OR FIE | on Pause     | Dat  |            | _                    | _1      | ate Shipped         |               |     |
| Analysis Desire         | o u               | My KANYE     | 110  | اسالدا     | <u> </u>             | *       | 13 Jun              | - Ο (φ        |     |
| Sampling Data           |                   |              |      |            |                      |         |                     |               |     |
| Lab Use Only            | Sample #          | Results      | 3    |            |                      | Rei     | marks               | mak           |     |
|                         | Tow-13            |              |      |            | 15 ft                | : wfr   | to two              | <u>Dullet</u> | Jax |
|                         | Tow-14            |              |      | M          |                      | Ð       | , (                 |               |     |
|                         | TOW-15            |              |      | (18)       |                      | , (     | //                  |               |     |
|                         | Tow-16            | BlAN         | )2   | <u>-</u> . | - ;                  |         |                     |               |     |
|                         | 10w-17            | Blan<br>Ban  | K    | · ,        |                      |         |                     |               |     |
|                         | Carried St        | <b>*</b>     |      |            |                      |         |                     |               |     |
|                         | बेंट कर भने       | *BIANS       | 2_   |            | -                    |         |                     |               |     |
|                         | JOW SE            | )— 16 A 18   | K_   |            |                      |         |                     |               |     |
|                         |                   |              |      | ·<br>      |                      |         |                     |               |     |
|                         |                   |              |      |            |                      |         |                     |               |     |
|                         |                   |              |      |            |                      |         |                     |               |     |
|                         |                   |              |      |            |                      |         |                     |               |     |
| Comments to L           | ab:               |              |      |            |                      | ·       | 7                   |               | 1   |
|                         |                   |              |      |            |                      |         |                     |               |     |



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150756

Page 419 of 5269

## **CHAIN OF CUSTODY**

| Mailing/Billing Information:  1. Client Name: National Evand Bureau                                                                                                                                                                                                     |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   | bmit           | tal Ini         | forma           | tion:                                                                         |                                                                                                                                                                   |                                            |                     |                                          |              |                   |                         |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------|-------------------|-----------------------------------------|-------------------|----------------|-----------------|-----------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|------------------------------------------|--------------|-------------------|-------------------------|----------------|
| 1. Client Name: Name                                                                                                                                                                                                                                                    | tonal buo                                                                | <u>ard Di</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | urlau                                     |                                                 |                   |                                         | 1.                |                | Name            |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              |                   | ·                       |                |
| 2. Address 1: 301-3                                                                                                                                                                                                                                                     | <u>rh oir Ba</u>                                                         | <u>Lian</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                                 |                   |                                         | 2.                | Job            | Locat           | ion: _          | <u> 70 u</u>                                                                  | US                                                                                                                                                                | 377                                        | $M_{\perp}$         | ary                                      | 100          | 7¢!               |                         |                |
| 3. Address 2: Havr                                                                                                                                                                                                                                                      | <u>e de Gran</u> e                                                       | N.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | D ZIC                                     | 78                                              |                   |                                         | 3.                | Job            | #:              |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          | P.O          | . #:              |                         |                |
| 4 Address 3:                                                                                                                                                                                                                                                            |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         | 4.                | Cor            | itact P         | 'erson:         |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              | @ phone ?         | #                       |                |
| 5. Phone #: 410-90                                                                                                                                                                                                                                                      | 2-0273                                                                   | Fax :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | #: <u>410-</u>                            | 942-9                                           | 325               | 1                                       | . 5.              | Sub            | mittec          | d by:           |                                                                               |                                                                                                                                                                   |                                            |                     |                                          | S            | ignature:         |                         |                |
| ☐ Please include COC/fi Date & Time Results Re                                                                                                                                                                                                                          | ield data sheets with a                                                  | results<br>OCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Report                                    | ting Inform<br>2 □Im                            | mation<br>nd. 🏽 🔻 | ı ( <b>Re</b> s<br>24hr                 | ults w<br>□48b    | ill be<br>r 🗀  | provi<br>72hr [ | ided a<br>∃5 Da | s soon<br>ıy + [                                                              | as t<br>Imr                                                                                                                                                       | <b>echni</b><br>ud. Af                     | cally i<br>ter-H    | (easibl                                  | e):<br>]]24h | r After-Hours* □I | Late-Night* (*must be p | ore-scheduled) |
| ☐ Verbals:                                                                                                                                                                                                                                                              | @ cell #                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u> </u>                                  | ☐ Fax Cop                                       | y:                |                                         |                   |                | . @ fa          | x#              |                                                                               |                                                                                                                                                                   |                                            |                     |                                          | Emai         | l Copy:           | @                       |                |
| Asbestos Analysis  PCM Air — Please Indicate  PC MCE Porosity  Iniosh 7400  Fiberglass  TEM Air — Please Indicate  PC MCE Porosity  AHERA  NIOSH 7402  Other (specify  PLM Bulk  EPA 600 — Visual E  PAPA 600 — Visual E  Grav. Reduction EL  Other (specify  CLIENT ID | 8.4/Ch PLM/ Ash es/abs) area) V area)D es/abs) 8.2/EP 1 les recor r samp | Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Va<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Va<br>Va<br>Vacuur<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va<br>Va | m/Dus<br>1D575<br>480-99<br>2(Q<br>1 good | (QTY) 5-95 _ (QT TY) condit                     | (QTY(QTY(QTY      | (QT (QT (QT (QT (QT (QT (QT (QT (QT (QT | TY)<br>(QTY<br>Y) | se note        | d.              | Lead A          | nalysi Paint ( Dust V Air Soil/S TCLP Drinki Waste Dust V Direc Spore- Surfac | S Chip (Vipe (wipe type 4) 12 (QTY) olid (QTY) olid (QTY) ng Water Water Vipe Furnace (wipe to t Microscopic Analy Trap (QTY) ne Swab (QTY) Trap (QTY) Trap (QTY) | QTY)  QTY)  QTY)  (QTY)  (QTY)  (QTY)  ype | (QTY)(QTY) ) st(QTY |                                          |              |                   |                         |                |
| NUMBER                                                                                                                                                                                                                                                                  | IDENTIFICATION                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (LITTERS)                                 | AREA                                            | TEM.              | / 2                                     | / <u>F</u>        | / <del>5</del> | <del>/</del>    | / ₹             | / <del>&amp;</del>                                                            | <u> </u>                                                                                                                                                          | / <u>\$</u> \ \                            | 5/ 5/               | : / <u>P</u>                             | / 5          |                   | BORATORY STAFF ONL      |                |
| 70W-1                                                                                                                                                                                                                                                                   |                                                                          | 6/13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                                         |                                                 |                   |                                         | 3000              | ×              |                 |                 |                                                                               | X                                                                                                                                                                 |                                            | 6 32 2              |                                          | 107460       | Date/Time:        | Contact:                | Ву:            |
| TOW-Z                                                                                                                                                                                                                                                                   |                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                 |                   |                                         |                   |                |                 |                 |                                                                               |                                                                                                                                                                   | 11 5.000 2.1                               | (2) 800 F100        | 2 2002                                   |              |                   |                         |                |
| Tow-3                                                                                                                                                                                                                                                                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   |                |                 |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              |                   |                         |                |
| TOW-4                                                                                                                                                                                                                                                                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   |                |                 | <u> </u>        |                                                                               | 1                                                                                                                                                                 |                                            |                     |                                          |              |                   |                         |                |
| Tow-4<br>Tow-5                                                                                                                                                                                                                                                          |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   |                |                 |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              | Date/Time:        | Contact:                | Ву:            |
| Tow-10                                                                                                                                                                                                                                                                  |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   | 4              |                 | П               |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              |                   |                         |                |
| To-00 = 7                                                                                                                                                                                                                                                               |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   |                |                 |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              |                   |                         |                |
| Tow-8                                                                                                                                                                                                                                                                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 | 1                 |                                         | 1                 |                |                 | 1               |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              |                   |                         |                |
| 70W-9                                                                                                                                                                                                                                                                   | 72/03/03/03/03/03/03/03/03                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 | Postalia          |                                         |                   | i              |                 |                 |                                                                               |                                                                                                                                                                   |                                            |                     |                                          |              | Date/Time:        | Contact:                | By:            |
|                                                                                                                                                                                                                                                                         | . Tigis will as Decell Affal migris entre to the term                    | 20.00 (20.00) (20.00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | O mante de la participa de calendar             | r (step 14104     | 250 200 4                               | 89374-656         | 7.0            | 1.00            | 300041102       | el Wassing                                                                    |                                                                                                                                                                   |                                            | 0.000.20            | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |              | Daw Time.         | Contact                 | <u> </u>       |
| Tow-10                                                                                                                                                                                                                                                                  |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0010/0010100                              | 2 (4) X (2/4) ( X (6/4) (                       | i ingyagasi       | n Lijûniyê                              | 46/6/7/0/7        |                | 450.00          |                 | 10/9/2015/5                                                                   |                                                                                                                                                                   | 61 847-928                                 |                     | 20 (3745)<br>20 (3745)                   | 128 (0.7)    |                   |                         |                |
| Tow-11                                                                                                                                                                                                                                                                  |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           | 2 100 mW 100 100 100 100 100 100 100 100 100 10 |                   | 800 BX                                  | Section 2         |                | 45,4469         | 125105125       |                                                                               |                                                                                                                                                                   | 9 1287526                                  | S DEEDE             | 15 Province                              | December 1   |                   |                         |                |
| Trw-12                                                                                                                                                                                                                                                                  |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 | ļ                 | ļ                                       |                   |                | ļ               | ļ               |                                                                               | 1                                                                                                                                                                 |                                            |                     | _                                        |              |                   |                         |                |
| Tow-13                                                                                                                                                                                                                                                                  | <u> </u>                                                                 | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                                 | <u> </u>          | 1                                       | <u></u>           | U-             | <u></u>         | <u> </u>        |                                                                               | Ų                                                                                                                                                                 |                                            |                     |                                          |              |                   | _                       |                |
| LABORATORY STA<br>1. Date/Tim                                                                                                                                                                                                                                           |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   |                                         |                   |                | By (Pri         | nt):            | vor                                                                           | 1-h                                                                                                                                                               | te:                                        | spc                 | ons                                      | ive          | Sign:             | n-Responsiv             | /e             |
| 2. Date/Tim                                                                                                                                                                                                                                                             | ne Analyzed:                                                             | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | _/                                        | @                                               | Ву                | (Print):                                |                   |                | +               |                 | 1                                                                             |                                                                                                                                                                   |                                            | _ Sig               | 11:                                      |              |                   | Nor                     | ı-Responsive_  |
| Posted to NGB i                                                                                                                                                                                                                                                         | Penorted To:<br>OIA Reading Room                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                                 |                   | B                                       | ¥34 A             | YAID           | æ}E-(           | ЭФРЖ            | :لو                                                                           | <b>)</b>                                                                                                                                                          | / ↓≪                                       | _/                  |                                          | e Ti         | Polessed by       | Record #J-15-0085 (     |                |



AMA Analytical Services, Inc. AJHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (\$31) 459-2**64**0 • (\$00) \$4640**961 • F**at (\$31) 459-2643 :

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

150756

Page 420 of 5269

| www.amaish.com                                                   |                           | ,                                                                                      | -0 -2                                            |                  |                                                  |                     |                 |                                              |                  |                                                  |                 |                 |                |                  |                                                  |                                               |                             |                |
|------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------|------------------|--------------------------------------------------|---------------------|-----------------|----------------------------------------------|------------------|--------------------------------------------------|-----------------|-----------------|----------------|------------------|--------------------------------------------------|-----------------------------------------------|-----------------------------|----------------|
| Meding/Billing Inform                                            | ution:                    | . 2                                                                                    |                                                  |                  |                                                  | Su                  | bmitta          | l Info                                       | плац             | o <b>n</b> :                                     |                 |                 |                |                  |                                                  |                                               |                             |                |
| I. Cijent Name: <u>SC</u>                                        |                           |                                                                                        |                                                  |                  |                                                  | _ l.                | Job N           | 2772                                         |                  |                                                  | _               |                 |                |                  |                                                  | ·. ·                                          |                             | _              |
| 2. Address 1: <u>- 33 v 1</u>                                    | <u> 19 ON Brit</u>        | K M                                                                                    |                                                  |                  |                                                  | _ 2                 | Job L           | осаціє                                       | )a: <u>7</u>     | <u>0 400</u>                                     | <u>Se7</u>      | ہے:             | <u>'V.G</u>    | $c_{4}$          | 60                                               | <u>ci</u>                                     |                             |                |
| 5. Address 2: <u>Hood (</u>                                      | <u>t (18. (yrun) </u>     | ND                                                                                     | <u> 410</u>                                      | <u> 78</u>       | _                                                | _ 3_                | Job #           | <u>-</u>                                     |                  |                                                  |                 |                 |                |                  | 20.                                              | Ť;                                            |                             |                |
| . Address 3:                                                     |                           |                                                                                        |                                                  |                  |                                                  | _ 4.                | Conu            | ci Pe                                        | 300):_           |                                                  |                 |                 |                |                  |                                                  | @ phone # _,                                  |                             |                |
| <ol> <li>Address 3:</li> <li>Phone in <u>4170-4,4</u></li> </ol> | 12-0273                   | Fag.k                                                                                  | <del>(1</del> 41€ -€                             | 4Z-0             | <u> 254</u>                                      | _ 5.                | Subm            | י ונגפל                                      | 5y:              |                                                  |                 |                 |                |                  | _ Si                                             | enzere:                                       |                             |                |
| ☐Please include COC/f                                            | field data sheets with re | sul's                                                                                  | Reportio                                         | ag Ínform.       | ation (R                                         | esults w            | III be p        | क्तांवे                                      | ed as s          | 2000 25                                          | s tech          | nical           | ly <b>(e</b> a | sible)           | †                                                |                                               |                             |                |
| Date & Time Results Re                                           | :quired:                  |                                                                                        |                                                  | _ [] `льь        | d. <b>()⊊</b> 24h                                | ր Ը_4Տև             | r 🗆72           | ት 🗀                                          | 5 Day            | + 🗀 Ŀı                                           | ഥൻ              | After           | Hou:           | s* 🗀             | 24hr.                                            | After-Hours" ∃Late                            | e-Nig <b>br</b> * (*must be | per-scheduled) |
| DiVertals:                                                       | @ cell #                  |                                                                                        |                                                  | Fax Copy:        | ·                                                |                     | (               | 3 2X                                         | <u>*</u>         |                                                  |                 |                 |                | .ac              | ا يُنكي                                          | Сорут                                         | €                           |                |
| Ashestos Analysis                                                |                           |                                                                                        |                                                  | TEM Bulk         |                                                  |                     |                 |                                              |                  |                                                  |                 |                 | Le             | ad Ana           | alysis                                           |                                               |                             |                |
| CM Air - Please Indicate:                                        |                           |                                                                                        |                                                  | O ELA            | AP 198,4%                                        |                     |                 |                                              |                  |                                                  |                 |                 |                | G Pa             | uin: Ch                                          | έρ <u></u> (QΠ                                | Y:                          |                |
| PC_MCE_Pank(ry<br>□ NROSH 7400                                   | in a 25mm 37mm<br>come:   |                                                                                        |                                                  | 288              | State PLA                                        | MEM_                |                 | <u> </u>                                     | (TTÇ             |                                                  |                 |                 |                | <b>3</b> ∙0      | al Wi                                            | politipolico Gines.                           | <i>F_);</i> _               | _;QTY)         |
| □ (4005)4 (400 <u> </u>                                          | (QTY)                     |                                                                                        |                                                  | JResi<br>IEVI⊉es | duai Ash                                         |                     | @               | ĮΓY)                                         |                  |                                                  |                 |                 |                | ارة ال<br>ما نا  | ir                                               | QTY:<br>a:QTY                                 | r.                          |                |
| EMAir - Passe Indicate :                                         | Filter Type:              |                                                                                        |                                                  |                  | d. ( <del>pro</del> k/ab                         | s i Vecnar          | n Dust          |                                              |                  | :0 <b>13</b> %                                   |                 |                 |                | J Ti             | 41.300<br>11.7                                   | (TY)                                          |                             |                |
| PC MCE Perosity                                                  | in a 25mm   37mm          |                                                                                        |                                                  | J Qua            | o. (Varea)                                       | уу жанаан<br>Хасишт | D\$755          | 95                                           |                  | 0                                                | ΓY)             |                 |                | 5p.              | وحنيات                                           | Witte                                         | :QTY)                       |                |
| Diahera<br>Dinoshi7402                                           | (TLY;                     |                                                                                        |                                                  | □ Qua            | ព (ទីឧបន)                                        | D34 964             | SO-89_          |                                              |                  | :QT:Ñ                                            |                 |                 |                | $\mathbf{O}_{N}$ | 28 in 18                                         | în≍;Q`                                        | DY)                         |                |
| C) Other (specify                                                | (X4 - /<br>)              | (QTY)                                                                                  |                                                  | TEM With         |                                                  |                     |                 |                                              |                  |                                                  |                 |                 |                | 30               | asi Wi                                           | ре Рагазсе (жіре іурс                         |                             | ;QTY           |
|                                                                  | Estimate                  |                                                                                        |                                                  | — ∪ (Mia         | J. (pres/al                                      | 5 <u> </u><br>      |                 | įŲΓΥ                                         | J<br>≟-4000=2    | S                                                | <u></u> .       | ·               |                | 41.2             | teres 0                                          | Have and Water Police                         |                             | <u></u>        |
| DEM 900 - Visual                                                 | d Estimate;               | QIXI                                                                                   |                                                  | üse              | W 100.5.                                         |                     | ;Q⊺             | Y:                                           |                  |                                                  |                 |                 |                | -5.2             | pere :                                           | Swab(QTY)                                     | 1 Surface Victoria Dr.      | (CTY           |
| 1 VV Some Emphis                                                 | (QTY)<br>(QTY)            |                                                                                        |                                                  | TQ AC            | ) samples                                        | received i          | n 2006 -        | cess.c                                       | on ect           | ss other                                         | -<br>M:82:      | noted.          |                | 3.5              | )L-30                                            | TapeQTY:                                      | 2 Other (Specify            | ;QT%           |
| J. Grav. Reduction                                               | FLAP (\$8.1               | (QTY)                                                                                  |                                                  | (TEV             | 4 Water 53                                       | saples              | °               | )                                            |                  |                                                  |                 |                 | _              |                  |                                                  |                                               |                             |                |
| □ Other (specify                                                 | SAMPLE INFORMA            | _(QL5)                                                                                 |                                                  |                  |                                                  | ANALY               | SIS             | ٠                                            | _                | . ند                                             | M               | ATRE            | Ķ.             |                  | . ≍                                              | , cı                                          | LENT CONTACT                |                |
| CLÆNT ID                                                         | SAMPLE LOCATION           |                                                                                        | VOLUME                                           | WPE              | 121                                              | ANAIN               | 1 2             | ٤                                            | / ≥ :            | 5                                                | \$ :            | \$23.           |                | ÷ .              | / ≨                                              | ∮ ji.aBCi                                     | RATORY STAFF ON             | UV.            |
| NUMBER                                                           | DEVITECATION              |                                                                                        |                                                  | AREA             | <del></del>                                      | <del>5   3</del>    | 1-3-            | <del>-</del> -                               | [ <del>. ~</del> | - <del>-</del> -                                 | र्दे            | <del>آٽ آ</del> |                |                  | <u> </u>                                         | Date/Time:                                    | Contact                     | By:            |
| <u>170 W-14</u>                                                  |                           | 2) [ئ                                                                                  | <u> </u>                                         | <del> </del>     | ╀                                                |                     | <del>: ``</del> |                                              | <del> </del>     | !                                                | <del>'{ '</del> |                 | i              |                  |                                                  | Data Hate:                                    |                             |                |
| Town 15                                                          |                           |                                                                                        | <u> </u>                                         | :<br>            | <u> </u>                                         |                     | <u> </u>        | <u> </u>                                     | <u> </u>         | <del>i</del> -                                   | ╌┾╼┼            | <del></del> +   |                |                  |                                                  | <del> </del>                                  |                             |                |
| TOW-16                                                           | Block                     | 1 1                                                                                    | i .                                              |                  | <u> </u>                                         |                     | <u> </u>        |                                              | <u> </u>         | :                                                | <u> </u>        |                 |                |                  | <u>.</u>                                         | <del> </del>                                  | <del></del>                 |                |
| TO-20-17                                                         | BIONY -                   | 1 8                                                                                    | <u> </u>                                         |                  |                                                  |                     | ે ત્યું         | l                                            | <u>. i</u>       |                                                  | 4,              |                 |                |                  | <u>i                                     </u>    |                                               |                             |                |
| 11,50 17                                                         | <u> </u>                  |                                                                                        |                                                  | <del></del>      | 1                                                |                     | Ţ-,             | İ                                            | ľ                | !                                                | <u>i</u>        |                 |                |                  | <u> </u>                                         | Date/Time:                                    | Contact:                    | <u>Bv:</u>     |
| <del> </del>                                                     | <del>-i</del>             | -                                                                                      | <del>_</del>                                     | <del> </del>     | 十十                                               |                     |                 |                                              | 7                |                                                  | i               |                 |                | l .              |                                                  |                                               |                             |                |
|                                                                  | <del>-i</del>             | <del> </del>                                                                           | <del> </del> -                                   | т                | ╂╌╌╪╴                                            | - 1-                | ··-             |                                              |                  | <del>-                                    </del> | i               |                 |                |                  |                                                  | 1                                             |                             |                |
|                                                                  | <del></del>               | <del></del>                                                                            | <del></del>                                      | <del> </del>     | <del>1 i</del> -                                 | <del></del> -       | <del>: -</del>  | <u>.                                    </u> | ╂━━┤             |                                                  |                 |                 |                |                  |                                                  |                                               |                             |                |
| i                                                                | <u> </u>                  | <u>. !</u>                                                                             | <del></del>                                      | !<br><del></del> | <del>                                     </del> |                     |                 |                                              | <del> </del>     |                                                  | 1               |                 | <del> </del>   | -                | <del>                                     </del> | Date/Time:                                    | Contact:                    | By:            |
| #12 T 1 (L) 1741                                                 |                           | <u> </u>                                                                               | <u> </u>                                         | ļ                | <b></b>                                          |                     | <u>!</u>        | ļ <u> </u>                                   | ļ                |                                                  |                 |                 | <u>-</u>       | <del> </del> —   | ╀                                                | Delectritie:                                  | Collinant.                  |                |
| · · · · · · · · · · · · · · · · · · ·                            |                           | 1                                                                                      | :                                                | ļ                | <u> </u>                                         |                     |                 | <u> </u>                                     |                  | <u>                                     </u>     |                 |                 | . —            |                  | <del> </del>                                     | <del> </del>                                  |                             |                |
| 1 1 1 1 1 1                                                      |                           | <del>-   -   -   -   -     -     -     -                                        </del> | Ţ.                                               | · .              | T                                                |                     |                 | İ                                            |                  |                                                  | <u> </u>        |                 | <u>i</u>       | ·                | μ.                                               | <u>Ļ.                                    </u> |                             |                |
| 1                                                                |                           | <del>  </del>                                                                          | <del>                                     </del> | +                | 1 ;                                              |                     | :               | i                                            | 1                |                                                  | -               | -               |                | <u>L</u>         | <u> </u>                                         | <u> </u>                                      |                             |                |
| '<br>                                                            | <del></del>               | <del>į</del>                                                                           | - <del></del>                                    | i                | 1                                                |                     | i               | <del>-</del>                                 | 1                | -                                                | _ ;             |                 | <del></del>    | !                |                                                  |                                               |                             |                |
| <u> - : </u>                                                     | <u> i</u> -               |                                                                                        |                                                  | <u>'</u>         | <u>.</u>                                         |                     |                 | · –                                          |                  |                                                  | ь               |                 |                |                  |                                                  | <b></b>                                       |                             |                |
| LABORATEORN                                                      | TE FEIRAL Ading RO        | DDY)                                                                                   | ,                                                | _                |                                                  | BES                 | T AVA           | ILABL                                        | E COP            | Υ                                                |                 |                 |                |                  |                                                  | F@IA-Requested I                              | Record #J-15-0085           | (MD)           |
| - Mavt 2 <b>D4⊕</b>                                              | Time-RCVD:                | ( <u> </u>                                                                             | ′                                                | €                | V <u>rrt</u>                                     |                     |                 | oy (Per                                      | 71.5 <u> </u>    |                                                  |                 |                 |                |                  |                                                  |                                               | v National Guard B          |                |



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150761

## **CHAIN OF CUSTODY**

| Mailing/Billing Information:                                                                                                      | ( <del>4-</del> )      |                       |                                                   | ubmittal Informa     |                      |                | ·                                          |                                                                     |               |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|---------------------------------------------------|----------------------|----------------------|----------------|--------------------------------------------|---------------------------------------------------------------------|---------------|
| 1. Client Name: NGS Roman North 2. Address I: 201 HI OIX Pay LA                                                                   | ^ (11                  |                       | 1.                                                |                      | TOWEON (C            |                |                                            |                                                                     |               |
| 3. Address 2: Havic de Giaco M                                                                                                    | <u> </u>               | n 0                   | Z.                                                |                      |                      |                |                                            |                                                                     |               |
| 4. Address 3:                                                                                                                     | 210                    |                       |                                                   | Contact Domas        | Non-Respo            | nsive P.O.     | #:                                         | " 1110 GW2 02                                                       | 77            |
| 5. Phone # 410 942 0273                                                                                                           | En. # 4                | 10 042 AT             | 4.                                                | Submitted by         | ton respo            | - C            | e phone                                    | # 410 942 02<br>Responsive                                          | /5            |
| Please include COC/field data sheets with resu                                                                                    |                        |                       |                                                   |                      | c coon ac tachnic    | Jlv feasible): | ignature:INOTI                             | Keebolleive                                                         |               |
| Date & Time Results Required://                                                                                                   |                        |                       |                                                   |                      |                      |                | After-Hours* [7]                           | ate-Night* (*must he n                                              | re-scheduled) |
| □ Verbals: @ cell.#                                                                                                               |                        | □ Fax Conv            |                                                   | @ fax#               | 7.                   | □ Fmail        | Conv.                                      | @                                                                   |               |
| Asbestos Analysis  PCM Air – Please Indicate Filter Type:  PC MCE Porosity in a 25mm 37mm  □ NIOSH 7400 (QTY)  □ Fiberglass (QTY) | ·                      | □ NY<br>□ Res         | AP 198.4/Chatfield<br>State PLM/TEM_<br>idual Ash | (QT<br>(QTY)         | Y)<br>)              | 🖾 Dust W       | hip i                                      | 102T ) 14.                                                          | .(QTY)        |
| TEM Air – Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm                                                             |                        | TEM Dust              | al, (pres/abs) Vacuu                              | m/Dust               | (QTY)                | ☐ TCLP.        | (QTY                                       | ")                                                                  |               |
| ☐ AHERA(QTY)<br>☐ NIOSH 7402(QTY)                                                                                                 |                        |                       | an. (s/area)Dust D6                               | 1 D5755-95<br>480-99 |                      | Waste          | ng Water<br>Water<br>Tipe Furnace (wipe to |                                                                     | (QTY)         |
| ☐ Other (specify)(( PLM Bulk ☐ EPA 600 – Visual Estimate(QT                                                                       | QTY)<br>Y)             | Qua<br>Qua            | al. (pres/abs)<br>AP 198.2/EPA 100.:              | 2(Q'                 | ΓY)                  | Mold - Direct  | Microscopic Analy                          | rsis                                                                | 7 - 7         |
| ☐ EPA Point Count (QTY) ☐ NY State Friable (QTY)                                                                                  | TY)                    | ☐ All                 |                                                   | n good condition un  | less otherwise noted | ☐ Surface      | Swab(QT                                    | ☐ Bulk(QTY) Y)☐ Surface Vacuum Dus ☐ Other (Specify                 | t(QTY)        |
| Other (specify)(                                                                                                                  | QTY)                   | 1                     | Water samples                                     |                      |                      | ╛              | •                                          | , — out (opon)                                                      | -/(\C_1 - /   |
| SAMPLE INFORMATIO CLIENT ID SAMPLE LOCATION/ NUMBER IDENTIFICATION                                                                | ON<br>VOL<br>DATE (LIT | UME WIPE<br>ERS) AREA | ANALYS                                            | Sis / For / Files    | MATRI<br>            | X SWAB / SWAB  | / (LAB                                     | CLIENT CONTACT  ORATORY STAFF ONLY                                  | n             |
| 200607HTW2 OI Floor                                                                                                               | nlu Ì                  | ધ્'શ્વ"               |                                                   |                      |                      |                | Date/Time:                                 | ***************************************                             | By:           |
| 02                                                                                                                                | 1                      |                       |                                                   |                      |                      |                |                                            |                                                                     |               |
| 03                                                                                                                                |                        |                       |                                                   |                      |                      |                |                                            |                                                                     |               |
| 04                                                                                                                                |                        |                       |                                                   |                      |                      |                |                                            |                                                                     |               |
| .05                                                                                                                               |                        |                       |                                                   |                      |                      |                | Date/Time:                                 | Contact:                                                            | By:           |
| 06                                                                                                                                |                        |                       |                                                   |                      |                      |                |                                            |                                                                     |               |
| on l                                                                                                                              |                        |                       |                                                   |                      |                      |                |                                            |                                                                     |               |
| 08                                                                                                                                |                        | 1                     |                                                   |                      |                      |                |                                            |                                                                     |               |
| 09 F100f                                                                                                                          |                        |                       |                                                   |                      |                      |                | Date/Time:                                 | Contact:                                                            | By:           |
| 10 Wall                                                                                                                           |                        | Į                     |                                                   |                      | 4                    |                |                                            |                                                                     | ~             |
| H WALL                                                                                                                            |                        |                       |                                                   |                      | V                    |                |                                            |                                                                     |               |
| 12 Bulk point                                                                                                                     |                        | NA                    |                                                   |                      |                      |                |                                            |                                                                     |               |
| 20060711TW2 13 Blank                                                                                                              | VI                     | NA                    |                                                   |                      |                      |                | ######################################     |                                                                     | <del></del>   |
| LABORATORY STAFF ONLY: (CUSTODY 1. Date/Time RCVD:/                                                                               | )                      | @ Vi                  | a:                                                | By (Print):          |                      |                | Sign:                                      |                                                                     |               |
| 2. Date/Time Analyzed:/_                                                                                                          | /_                     | @                     | By (Print):                                       |                      |                      | Sign:          |                                            |                                                                     |               |
| 3. Results Reported To:<br>Posted to NGB FOIA Reading Room<br>May426 renments:                                                    |                        |                       | B¥\$¶ A                                           | VAILABLE EØP¥        |                      |                | PÖIA Requested F<br>———Released by         | Record #J-15-0085 (Mb)<br>National Guard Bureau<br>Page 421 of 5269 |               |



AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

#### (Please Refer To This Number For Inquires)

150764

## **CHAIN OF CUSTODY**

| Mailing/Billing Information Name: NG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ation:                                                        | w.                                 |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               | Su                   |                         | tal Inf                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 | į                             | 'As a | \ /                                         | 1                                                                               | V                                   |                                                              |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------|------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------|-------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|---------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------|------|
| <ol> <li>Chent Name: NG</li> <li>Address 1: 361-</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | the Color No                                                  | 7                                  |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               | _ l.                 | Job                     | Name                           | ::                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100             | 1505                                                                                                                                                                                                                            |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| <ol> <li>Address 1: 3011</li> <li>Address 2: Have</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IN OLG DAY                                                    | LANE                               | 21070                  | )                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     |                                                              |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | an orna i                                                     | 112                                | 210.78                 | · · · · · · · · · · · · · · · · · · ·               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | Job                     | #:                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N               | on-R                                                                                                                                                                                                                            | lesp                          | ons   | ive                                         | P.C                                                                             | ), #                                | 1/15 6217 6                                                  | 0-0  |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 112 6073                                                      |                                    | LUT                    | 9420                                                | 2 6 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               | 4.                   | Con                     | itact F                        | CISON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 | @ phone                             | # 4//2 947 /2<br>on-Responsive                               |      |
| and compared to the first of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Manager of the Man | MANAGEMENT AND AND AND AND AND AND AND AND AND AND            | St. Incompatibility of the part to |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      |                         | mittec                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | o de la companya de la companya de la companya de la companya de la companya de la companya de la companya de<br>La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co | tion desputation of the least |       | er er er er er er er er er er er er er e    | e en en en en en en en en en en en en en                                        | Signature:                          | лгтсороногч                                                  |      |
| ☐ Please include COC/fi<br>Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | quired://                                                     | @                                  |                        |                                                     | nd. 🗌                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24hr                                                                                          | □48h                 | : 🗆 🤈                   | 72hr [                         | ]5 D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ay +            | ∏Imn                                                                                                                                                                                                                            | id. Afi                       | er-Ho | urs*                                        | □24h                                                                            |                                     |                                                              |      |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | @ cell #                                                      |                                    |                        | ☐ Fax Cop                                           | у                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                               |                      |                         | . @ fa                         | x#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                                 |                               |       |                                             | Emai                                                                            | 1 Сору:                             | @                                                            |      |
| Asbestos Analysis  PCM Air — Please Indicate   PC MCE Porosity NIOSH 7400 Fiberglass  TEM Air — Please Indicate   PC MCE Porosity AHERA NIOSH 7402 Other (specify  PLM Bulk EPA 600 — Visual Es FPA Point Count NY State Friable Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | in a 25mm 37mm(QTY)(QTY) Filter Type:in a 25mm 37mm(QTY)(QTY) | _(QTY)<br>TY)                      |                        | TEM Dus TEM Dus TEM Dus TEM Q Q TEM Wat D Q E E D A | AP 19 Y State esidual ti ual. (propan. (s/ uan. (s/ ter ual. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (propan. (prop | PLM/<br>Ash_<br>es/abs<br>area) \(\frac{1}{2}\)<br>area)E<br>es/abs<br>8.2/EI<br>1<br>les rec | hatfield             | n/Dus<br>D575:<br>80-99 | (QTY)  t 5-95 (QT  IY)  condit | Y) (Q'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (Q<br>(Q<br>TY) | (QTY<br>TY)                                                                                                                                                                                                                     |                               | Ι     | Molda and and and and and and and and and a | AirSoil/S<br>TCLP<br>Drink<br>Waste<br>Dust \( \)<br>Direct<br>Spore<br>Surface | Chip                                | (QTY)<br>Y) .<br>(QTY)<br>_(QTY)<br>type)                    | (QT) |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ))                                                            | (QTY)                              |                        | (IEN                                                | 1 water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAMPLE INFORMAT<br>SAMPLE LOCATION/<br>IDENTIFICATION         |                                    | VOLUME<br>(LITERS)     |                                                     | / ME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                               | NALYS:               | IS<br>(E)               | MOLD                           | / ¥                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BULK            |                                                                                                                                                                                                                                 | IATRI                         | X<br> | TAPE                                        | SWAB                                                                            | ) (LA                               | CLIENT CONTACT<br>BORATORY STAFF ONI                         | (Y)  |
| 2006072578501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               | 7125                               |                        | 4"44"                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | ${	imes}$               |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | 又                                                                                                                                                                                                                               |                               |       |                                             |                                                                                 | Date/Time:                          | Contact:                                                     | By:  |
| 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                                                             | ١                                  |                        | 2                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | 200                     |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | [                                                                                                                                                                                                                               |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Floor                                                         |                                    |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | İ                       |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| DY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ·                                                             |                                    |                        | Ŵ.                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | 3                       |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| 26060725TW505                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BLANK                                                         | V                                  |                        | NA                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      | ٧                       |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | V                                                                                                                                                                                                                               |                               |       |                                             |                                                                                 | Date/Time:                          | Contact:                                                     | Ву:  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |                                    |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      |                         |                                | All Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Co |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     | THE THIRD CONTROL OF THE THE THE THE THE THE THE THE THE THE |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |                                    |                        |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 | Date/Time:                          | Contact:                                                     | Ву:  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |                                    | <u> </u>               |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                               |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 | 000 1410<br>1410 1489         |       |                                             |                                                                                 |                                     |                                                              |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                               |                                    |                        |                                                     | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               |       |                                             |                                                                                 |                                     |                                                              |      |
| LABORATORY STA  1. Date/Tim  2. Date/Tim  3. Results R  Posted to NGB in the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the cont | e RCVD:/_                                                     | )X)<br>,/                          | <u></u>                | @\<br>@                                             | √ia:<br>By                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (Print):                                                                                      | <br><b>∑</b> \$9† av |                         | y (Prin                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 |                               | Sign  |                                             | Ti                                                                              | Sign:  Sign:  Requested  Released b | Record #J-15-0085 (ML                                        |      |
| May 42 Granmen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ts:                                                           |                                    | er verenere are 2000ez | tera del 254<br>Terresona                           | 2005E0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100045<br>100045                                                                              |                      |                         |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                 | 200 PM.                       |       |                                             |                                                                                 | Released b                          | y National Guard Burea<br>Page 422 of 526                    | H    |

A A A A A A A A A A SESTAVALABLE COPY A

Towson Cold)

19 July 2006
20060718 TW401- Floor, 6' in affaired to @ will

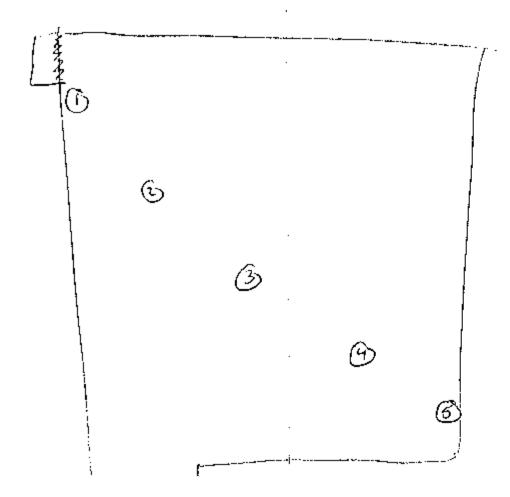
02 - Floor, 27' from try work

03 - Floor - 36' in Cuntered

04 - Floor 57' from tray with

05 - Floor, 84', adjacent to @ will

10 - Blank





AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

150762

| Maning/Billing intorm        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | . 11                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           | ation:                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|-------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------|-----------------------------------------|------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
|                              | B legion North                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           | I                             |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | EAR                                                           |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 2. Address 1: <u>خان</u>     | IH old Bay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u> </u>              | ,                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               | . Job                 | Loca                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | tion:_                    | 10                     | <u>02W</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>သ (</u>      | OFD                                                           | .)                                      | Au                                       | very                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 3. Address 2: Haure          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           | _ 3                           | . Job                 | )#:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               | L                                       | P.O                                      | #                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 4. Address 3:                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           | :: INUI                | 1-116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | spul            | ISIVE                                                         |                                         |                                          | @_phone              | # cama                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |
| 5. Phone #: 410 9            | <u>42 0273                                     </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fax#                  | 410                                 | 942 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2254                 | 1                         | _ 5                           | . Sul                 | omitte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | d by:_                    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         | 8                                        | Signature:_NOT       | n-Responsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |
| ☐ Please include COC/f       | ield data sheets with re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | sults                 | Repor                               | ting Infor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | matio                | n (Re                     | sults v                       | will be               | prov                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ided :                    | no son                 | nast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | echnia          | ally f                                                        | asihl                                   | e)•                                      |                      | al filology of the Heavy bloom History and decrease to be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |
| Date & Time Results Re       | equired://                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | @                     |                                     | XIm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | md. 🗀                | ]24hr                     | □48                           | hr 🗌                  | 72hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | □5 D                      | ay + [                 | ]]mn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | nd. Af          | ter-Ho                                                        | urs* [                                  | ]24h                                     | r After-Hours* 🗔     | Late-Night* (*must be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | e pre-scheduled                                           |
| ☐ Verbals:                   | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                     | ☐ Fax Cor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | y:                   |                           |                               |                       | _ @ fa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ax #                      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               | ٠                                       | Emai                                     | l Copy:              | (a)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |
| Asbestos Analysis            | ere er er er en er en er en er er er er er er er er er er er er er                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cofeens I may recover | eta na araban kanan arabat da ata b | TEM Bul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | italianan<br>Ik      | C12-4120C012100           | errejenjavi nom               | rtige, ortower e come | residentifica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ng kililian di Jugari     | HOLD COHOLOGY          | erentario de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition de | 10,40 g gay vyv |                                                               |                                         | nalysi                                   |                      | patriotes a come a consequence or an interpretation of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence | a na ngang ang minanan na ang ang mananan ana ana ang ang |
| PCM Air - Please Indicate    | Filter Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LAP 19               | 8.4/Ct                    | atfield                       | 1                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (OI                       | Y)                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | •                                                             |                                         | Paint (                                  | Shin :               | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |
| PC MCE Porosity              | in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                     | ПN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Y State              | PLM/                      | TEM_                          |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _(QTY                     | ?)                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               | Ž.                                      | Dust V                                   | Vipe (wipe type G    | (QTY)<br>(OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (OTY)                                                     |
| ☐ NIOSH 7400<br>☐ Fiberglass | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                     | $\square_{\mathbb{R}}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | esiđual              | Ash                       |                               |                       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | )                         |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         | <u> Аіг</u>                              | (QTY)                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| TEM Air - Please Indicate    | Filter Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                     | TEM Du                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                           | <b>. 17.</b> .                | _                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         | Soil/So                                  | bild(                | QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |
| PC MCE Porosity              | in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                     | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ual. (pr<br>uan. (s/ | es/abs                    | ) Vacut                       | 1m/Du<br>- ロミフキ       | St                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           | (Q                     | TX)<br>ZOTW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                                                               |                                         | TCLP.                                    | (QT                  | Y)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |
| ■ AHERA                      | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | uan. (s/<br>uan. (s/ | area)D                    | vacuum<br>Dust De             | 1480-9                | 9<br>9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           | (0)                    | .(QII<br>MY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ,               |                                                               | _ <u></u>                               | Unnki<br>Wasta                           | ng Water<br>Water    | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |
| Other (creatify              | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (OTY)                 |                                     | TEM Wa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ter                  |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           | (~~·                   | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                               |                                         |                                          |                      | type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (QTY                                                      |
| PLM Bulk                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | .(Q11)                |                                     | □Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ual. (pr             | es/abs)                   | )                             |                       | (QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Y)                        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (2 -                                                      |
| ☐ EPA 600 – Visual E         | stimate(Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TY)                   |                                     | ΞŒ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LAP 19               | 8.2/EF                    | A 100.                        | .2                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (Q                        | TY)                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | N                                                             | - bloN                                  | Direct                                   | Microscopic Anal     | ysis_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                           |
| EPA Point Count              | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                     | <u>u</u> e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PA 100.              | .1                        |                               | (Q                    | TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      | Bulk(QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |
| ☐ NY State Friable           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | QTY)                  |                                     | ΠA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ll samp              | les rec                   | eived i                       | n good                | l condi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | tion un                   | less of                | herwis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | e notec         | i.                                                            |                                         |                                          |                      | <ul><li>Y) ☐ Surface Vacuum D</li><li>Y) ☐ Other (Specify</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           |
| Other (specify               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QTY)                 |                                     | (TEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M Water              | r samp                    | les                           | °(                    | C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               | -                                       | Suriac                                   | c rape(Q1)           | 1) Grader (Specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (Q1                                                       |
|                              | SAMPLE INFORMAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ION                   |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | A                         | NALY                          | SIS                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        | . 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MATR            | IX                                                            |                                         |                                          |                      | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |
| CLIENT ID<br>NUMBER          | SAMPLE LOCATION/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                                     | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | / ₹                  | / ₹                       | 13                            | 13                    | 1₫                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | / ≋                       | / \$                   | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 50            | #/ #3                                                         | TAPE.                                   | SWAB                                     | /                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              | IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | (LITERS)                            | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      | / <u>&amp;</u>            | / <u>S</u>                    | ミ                     | <del>  2</del><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ( T                       | / 8                    | ➾                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | / ≄ ₹6          | IX                                                            |                                         | / <del>5</del>                           |                      | BORATORY STAFF ON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |
| 20060718TW401                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6190                  |                                     | 4"/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                           |                               | <b>/</b> \            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          | Date/Time:           | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ву:                                                       |
|                              | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                     |                                     | 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u> </u>             |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 03                           | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 04                           | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                                     | li de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de |                      |                           |                               | -                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -               |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| V 05                         | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | 100000                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20000           |                                                               |                                         | 25 X X X X X X X X X X X X X X X X X X X | Date/Time:           | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                                       |
| 20060718764 10               | B/ ANIK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1/                    |                                     | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                           |                               | $\nabla$              | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                           | 1                      | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                               |                                         |                                          | Dato Tino.           | Contact.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4).                                                       |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (0.32.35.25          | Market 1                  |                               | W                     | ) SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF SECURITION OF | a Oceania                 | 6900000                | Y<br>S ISSERVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (ASSESSOR)      | #55 <sup>2</sup> 3570000                                      | vsza (cz.)                              | -0000000000000000000000000000000000000   |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 (40)00000          | 2,075,022                 | 0.000                         | 1000000               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$ \$300 NO.              |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | (19/6)(7/2                                                    |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              | State prints ( makes in property for the following state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state | k (man nikasasasa)    | er sommer er hann noch              | of management and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 50000000000        | Waster market             | Control to 22                 | - 03.030.037          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          | Date/Time:           | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | By:                                                       |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       | .]                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                    |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | 93.000                    |                               | 3(07K30)              | 10000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SERVICE                   |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NATURE          | 4 30 20 00 4 4 1 1<br>1 2 3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 | ()525(07)                               | 1534350                                  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| T ADOD ATTODY COM            | EE ONE W. COMONO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                                     | i jernije i svete sa<br>Časti grši i svetski                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      | negationist<br>I demokrat |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | a gwysaeth<br>Cathartaeth | Marketin<br>ottoktilis |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | anneria.        | Topicological<br>Constitution                                 |                                         | 902-86-50<br>94-64-60                    |                      | Ottober 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i September 1984 i Septembe | Carcaro Erremount at CAS Concorns                         |
| LABORATORY STA               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1)                    |                                     | A .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>,</b>             |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 1. Date/Tim                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                     | With the service of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Via:                 |                           | 707. (20,60<br>37. 15. 15.77% | 102570                | 3y (Prir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ot):                      |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               | ggang 160 <u>0</u><br>Masagnad          |                                          | Sign:                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
|                              | e Analyzed:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | ./                                  | @                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ву⊹                  | Print):                   |                               |                       | ujegykeidő<br>Vogyvesik                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | Sign                                                          |                                         |                                          |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |
| 3. Results R                 | Reported To:  B FOIA Reading Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           | Yiê en                        | AVA                   | LABL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>₽</b> Data             | 5 <b>Y</b>             | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | /_                                                            |                                         | _ Ti                                     | ne:                  | ed Record #J-15 Initials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X                                                         |
| May Compenen                 | ts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                           |                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                               |                                         |                                          | ne:<br>FOIA Requeste | o Record #J-15-0085 (<br>I by National Cuard Bu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (UNU)                                                     |
|                              | neadro-19 ione Mache Greek Chaburathadh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | enelistasias (1747)   | vi (0.6.540)(200405)                | onvacionalista (2000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | naraded MgCC         |                           | \$4500 bisho                  | ungafikan,            | Milliani (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | geografiya digil          | MARKS.                 | MTMINITEDS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.000,740,000   | (80) (SALES (12) 22)                                          | \$2000000000000000000000000000000000000 |                                          |                      | Page 424 of 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |

Towson (010) 5/30/06

I Floor, 6" from trop will, I from 2 will alcove

2 Floor Il Sion trop Well, 3' from R well

3 Floor, 12 from drap well, contured

4 floor, 30 from trop well, 6 from L well

5 Flour, 45 from trop well, 6' from R well

4 Floor, 60 from temp well 3' from 2 way

7 Floor, 75' from trap well, centura

& Floor, affaunt to pleasant fuell, 3' from R well

9 Floor, 1st Step. sear, adjust to Zustepand Lwell

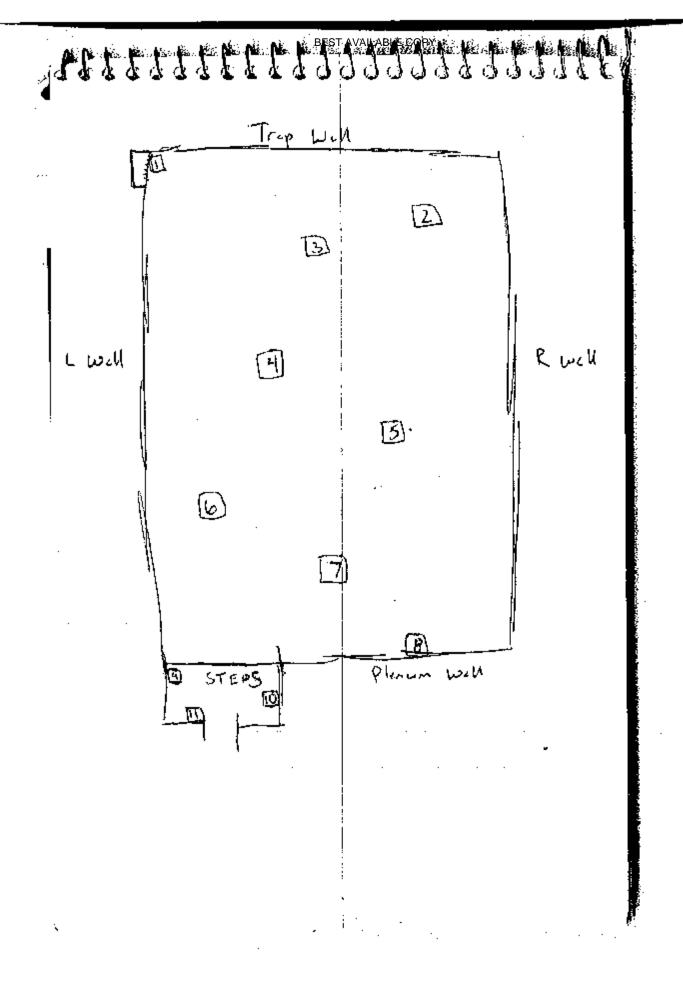
10 Flow, 3th step, adjust to R well, front of step

Il Floor, to right of door up existing range, algorith to last

12 Well, teap. Centered, 6' from floor 22' from trup well 13 Well, L. 4" block from floor, to L of block is about

14 Wall, R, S3' from from well, 5' from Rover

15 Well, plenum, 5' from floors above electrical authort



PAGE3

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Old) Clear

Chain Of Custody:

150785

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation

Job Location:

Towson Armory (Old)

Date Submitted:

6/1/2006

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

6/1/2006

Report Date:

01-Jนถ-06

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(IP) | Repo   | orting<br>imit     |   | final Res | ult            | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|--------------------|--------|--------------------|---|-----------|----------------|----------|
| 0654043              | 20060530TOW01           | Flame         | Wipe        | ***               | 0.111              | 10.801 | ug/R°              |   | 12000     | ug/ft²         |          |
| 0654044              | 20060530TOW02           | Flame         | Wipe        | ****              | 0.111              | 108.01 | ug/fl²             |   | 2300      | 12/ <b>8</b> ° |          |
| 0654045              | 20060530TOW03           | Flame         | Wipe        | <b>班券张</b> 梯      | 0.111              | 108.01 | ពនិរុង្សន          |   | 1100      | υg/ <b>6</b> 2 |          |
| 0654046              | 20060530TOW04           | Flume         | Wipe        | 4884              | 0.111              | 108.01 | ນ <u>ຂ</u> /#ີຄ²   | < | 110       | ug/R²          |          |
| 0654047              | 20060530TOW05           | Flune         | Wipe        | ****              | 0.111              | 108.01 | ug/fl²             | < | 110       | ពន្ធរំពិទ      |          |
| 0654048              | 20060530TOW06           | Flame         | Wipe        | ****              | 0.111              | 108.01 | ա <b>ջ</b> իքին    |   | 160       | ug/fl²         |          |
| 0654049              | 20060530TO\V07          | Flame         | Wipe        | ****              | 0.111              | 108.01 | ug/ft²             | < | 110       | ng/ft?         |          |
| 0654050              | 20060530TOW08           | Flame         | Wipe        | 9 SH2 9           | 0.111              | 108.01 | ug/ft²             |   | 760       | n⊛ff²          |          |
| 0654051              | 20060530TOW09           | Flame         | Wipe        | 4941              | 0.111              | 108.91 | n@ffi <sup>2</sup> | < | 110       | ពនិប្បភ        |          |
| 0654852              | 20060530TOW10           | Flame         | Wipe        | ***               | 0.131              | 108.01 | ug/ft <sup>2</sup> |   | 300       | ug/ft²         |          |
| 0654053              | 20060530TOW11           | Flame         | Wipe        | ****              | 111.0              | 108.01 | ug/ft²             | < | 110       | ug/ft²         |          |
| 0654054              | 20060530TOW12           | Flame         | Wipe        | ****              | 0.116              | 108.01 | ગદ/પ્રિ            |   | 100081    | $ab M_3$       |          |
| 0654055              | 20060530TOW13           | Flame         | Wipe        | ***               | 0.013              | 108.01 | vg/ft <sup>2</sup> |   | 130       | ug/ft*         |          |
| 0654056              | 20060530TOW14           | Flame         | Wipe        | ****              | 0,111              | 108.01 | $ug/\tilde{\pi}^2$ | < | 110       | ug/ft²         |          |
| 0654057              | 20060530TOW15           | Flame         | Wipe        | ***               | 0.111              | 108.01 | ug/ft²             | < | 110       | n6\y,          |          |
| 0654058              | 20060530TOW16           | Flame         | Wipe Blank  | ****              | N/A                | 12.00  | ug                 | < | 12        | ug             |          |
| 0654059              | 20060530TOW17           | Flame         | Wipe Blank  | ****              | N/A                | 12.00  | ug                 | < | 12        | ug             |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and finishifty for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 181143), & New York ELAP (#10920) Accredited Laboratory

4475 Forbes Blvd. • Lanham, MD 20706 • 301) 459-2648 • Tol. Free (880) 346-0961 • Fax (301) 459-2643 FOIA Requested Record #J-15-0085 (MD) Posted to NGB FOIA Reading Room Released by National Guard Bureau

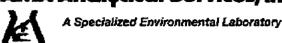
May: 2018 ---

-2006

06-01

# 3014592643 ANALYTICAL

## AMA Analytical Services, Inc.



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Dandalk Clear

Chain Of Custody:

150787

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Dundalk Armory

Date Submitted:

6/1/2006

6/1/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided

Person Submitting: Date Aualyzed:

Report Date:

01-Jun-06

Attention:

### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments AMA Sample  $(f)^2$ Limit Number (L) Number

Analysi

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-31138

rng/Kg = parts per million (ppm) by weight \_\_mg/L = parts per million (ppm)

N/A = Not Applicable %Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

associated with these samples.

Technical Manager:

See QC Summary for analytical results of quality control samples.



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons salumiting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample anterial will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVI.AP Accreditation upplies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc. www.amalab.com

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150787

## **CHAIN OF CUSTODY**

| Mailing/Billing Informat               | ion:                   |                                                  |            |                                                  |                      |                                                  |            |            |                                                  | forma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _                | 3 . 1        |                                         | • .      |               |         |                                       |                                               |                 |
|----------------------------------------|------------------------|--------------------------------------------------|------------|--------------------------------------------------|----------------------|--------------------------------------------------|------------|------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|-----------------------------------------|----------|---------------|---------|---------------------------------------|-----------------------------------------------|-----------------|
| 1. Client Name: Nt-8                   | 2egiun No              |                                                  |            |                                                  |                      |                                                  |            |            |                                                  | 2:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              |                                         |          |               |         |                                       |                                               |                 |
| 2. Address 1:                          | 14 old B~              | y Lan                                            | ٧          |                                                  |                      |                                                  | . 2.       |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       |                                               |                 |
| 3. Address 2: Hab                      | WD 2107;               | <u>ප්</u>                                        |            |                                                  |                      |                                                  | . 3.       | Job        | #:                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               | _ P.O   | .#:@ phone;                           |                                               |                 |
| 4. Address 3:                          |                        |                                                  |            |                                                  |                      |                                                  | _ 4.       | Cor        | itact P                                          | erson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NO               | n-Re         | espon                                   | sive<br> |               |         | @ phone;                              | # 410 942                                     | 0273            |
| 5. Phone #: 410 442                    | 0273                   | Fax #:                                           | 410        | 942                                              | 0254                 |                                                  | . 5.       | Sub        | mitte                                            | d by:_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              |                                         |          |               | S       | ignature:NON                          | # 410 942<br>-Responsive                      |                 |
| Date & Time Results Requ               | ld data sheets with re | sults                                            | Repor      | ting Inf                                         | rmatio               | n (Res                                           | ults w     | vill be    | provi                                            | ided a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | s soon           | as te        | chnic                                   | ally fe  | asibl         | e):     |                                       | •                                             |                 |
| Date & Time Results Requ               | uired:/                | /@                                               |            | []I                                              | mmd. 🛮               | 24hr                                             | <b>481</b> | ur 🔲       | 72br [                                           | _5 D:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ıy + 🗆           | lmm          | d. Aftı                                 | er-Hot   | us* [         | ]24h    | After-Hours* 🔲                        | Late-Night* (*must be                         | pre-scheduled)  |
| □ Verbals:                             | @ cell #               | <del>.,,,,</del>                                 |            | Fax C                                            | ору:                 |                                                  |            |            | @ fa                                             | x#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              |                                         |          |               | Emai    | Copy:                                 | @                                             |                 |
| Asbestos Analysis                      |                        |                                                  |            | TEM I                                            |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         | L        |               | nalysi  |                                       |                                               |                 |
| PCM Air - Please Indicate Fi           | lter Type:             |                                                  |            | <u>_</u>                                         | ELAP 19              | 8.4/Cb                                           | atfield    |            |                                                  | _(QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Y)               |              |                                         |          | 9             | Paint ( | hip(                                  | 0TY)<br>څخ <del>امهٔ کا کا کا</del>           |                 |
| PC MCE Porosity                        | _in a 25mm 37mm        |                                                  |            | _                                                | NY State             | PLM/                                             | TEM_       |            | · OTTE                                           | .(QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | )                |              |                                         |          | ( <b>28</b> ) | Dust V  | Vipe (wipe type                       | <u> 20                                   </u> | (QTY)           |
| ☐ NIOSH 7400<br>☐ Fiberglass           | (QTY)                  |                                                  |            | TEMI                                             | Residual             | Asn                                              |            |            | (QIY)                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               | AII     | olid(QTY)                             | <b>ΥΤΥ</b> Υ                                  |                 |
| TEM Air - Please Indicate Fi           | lter Type:             |                                                  |            |                                                  | Qual. (pr            | es/abs)                                          | Vacuu      | m/Dus      | t                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | · (OT            | Y            |                                         |          | <u> </u>      | TCLP.   | (QTY                                  | ζι,<br>'                                      |                 |
| PC MCE Porosity                        | _in a 25mm 37mm        |                                                  |            |                                                  | Quan. (s.            |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              | )-                                      |          |               |         | ng Water                              |                                               |                 |
| ☐ AHERA                                | (QTY)                  |                                                  |            | ā                                                | Quan. (s.            | area)D                                           | ust D6     | 480-99     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QT              | Y)           | '                                       |          |               |         | Water                                 |                                               |                 |
| ☐ NIOSH 7402<br>☐ Other (specify       | (QTY)                  | _(OTY)                                           |            | TEM !                                            | Vater                |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               | Dust V  | Vipe Furnace (wipe ty                 | ype)                                          | (QTY)           |
| PLM Bulk                               |                        | _(Q11)                                           |            | Ö                                                | Qual. (pr<br>ELAP 19 | es/abs)                                          |            |            | (QT                                              | Y)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              |                                         |          |               |         |                                       |                                               |                 |
| ☐ EPA 600 – Visual Esti                | imate(C                | (YTY)                                            |            |                                                  | ELAP 19              | 8.2/EF                                           | A 100.     | 2          | ~~~                                              | (Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ΓY)              |              |                                         | N        |               |         | Microscopic Analy                     |                                               | 10              |
| EPA Point Count                        | (QTY)                  |                                                  |            |                                                  | EPA 100              | . 1                                              |            | (Q         | T.X.)                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               | Spore-  | Trap(Q [ \forall ])                   | QT Bulk(QT<br>Y)□ Surface Vacuum D            | X)<br>met (OTV) |
| NY State Friable                       | (QTY)                  | (OTT)                                            |            |                                                  | Ail samp             | les rec                                          | eived i    | n good     | condit                                           | tion un                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | less othe        | erwis        | e not <del>e</del> d                    |          |               |         |                                       | Other (Specify                                |                 |
| ☐ Grav. Reduction ELA ☐ Other (specify | P 198.1                | (QTY)<br>(OTY)                                   |            | (T                                               | EM Wate              | r samp                                           | les        | °C         | :)                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               | - uriuu | - 10po (Q11                           | / <del>- 0 and (0 poem)</del>                 | (2.1)           |
|                                        | AMPLE INFORMAT         |                                                  |            |                                                  |                      | Al                                               | NALY       | SIS        |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | Λ.           | 4ATRI                                   | x        |               | ~       |                                       | CLIENT CONTACT                                |                 |
| CLIENT ID                              | SAMPLE LOCATION/       |                                                  | VOLUME     | WIPE                                             | TEM T                | 1 7                                              | 13         | / ᢓ        | 10                                               | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BOLK             | 1 5          | الْمُولِيِّ /                           | 83       | /≝            | SWAB    | 1                                     |                                               |                 |
| NUMBER                                 | IDENTIFICATION         |                                                  | (LITERS)   |                                                  |                      | <del>( ≥</del>                                   | -          |            | <del> </del>                                     | No. of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the con | <del>  ~  </del> | Ŝ            | 1325                                    | 1 15 F   |               | ( 5     |                                       | SORATORY STAFF ON                             |                 |
| 20060530 DUN ()1                       | Floor                  | डोउन००                                           | ļ          | 424                                              | 1                    |                                                  |            | *          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ļ.,              | arraycolor   |                                         |          |               |         | Date/Time:                            | Contact:                                      | Ву:             |
| 02                                     |                        | <del>                                     </del> |            |                                                  |                      |                                                  |            | 1          | ļ                                                | ļ.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |              |                                         |          |               |         | ļ                                     |                                               |                 |
| ¥ V 03                                 |                        |                                                  |            |                                                  | 14.44                |                                                  |            |            |                                                  | 13.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | $\perp$      |                                         |          |               |         |                                       |                                               |                 |
| 20060530000004                         |                        |                                                  |            |                                                  |                      |                                                  |            |            | <u> </u>                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       |                                               |                 |
| 1 1 05                                 |                        |                                                  |            |                                                  |                      |                                                  |            |            |                                                  | 0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | 土            | 1                                       |          |               |         | Date/Time:                            | Contact:                                      | By:             |
| V V 06                                 |                        |                                                  |            | <b> </b>                                         |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       |                                               |                 |
| 20060530741007                         |                        |                                                  |            |                                                  |                      | 1                                                | -          |            |                                                  | N. 1117                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |              | 1 - 1 - 1                               |          |               |         |                                       |                                               |                 |
| 1 08                                   |                        |                                                  |            |                                                  |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       |                                               |                 |
| V V 09                                 | <b>₩</b>               |                                                  |            |                                                  |                      |                                                  | 17.79      |            | 1.00                                             | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                |              | E es T                                  | A Y      |               |         | Date/Time:                            | Contact:                                      | Bv:             |
| 2006053000010                          | Floor                  |                                                  |            | <del>                                     </del> |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | T            |                                         |          |               | T       |                                       |                                               |                 |
| 1 11                                   | Wall                   |                                                  | 11-11-11-1 |                                                  |                      | 10.75                                            |            |            | 7 5 5                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       |                                               |                 |
| 1 12                                   | المحلما                |                                                  | <u> </u>   | † <b>-</b>                                       |                      | <del>                                     </del> |            |            | <del>                                     </del> | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  | 1            |                                         |          |               |         |                                       |                                               |                 |
| 2006053DUN 13                          | Wall                   | +M                                               | <u> </u>   | $ \sqrt{} $                                      |                      | 1.77                                             |            | $\nabla Z$ | 700                                              | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | $\mathbf{A}$ |                                         |          |               | -       |                                       |                                               |                 |
| LABORATORY STAF                        |                        | 032)                                             |            |                                                  | -                    | <del> </del>                                     |            | <b>y</b>   |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ·                |              |                                         |          |               | J.,     |                                       |                                               |                 |
|                                        |                        | /                                                |            | @                                                | _Via:                |                                                  |            |            | y (Pri                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              | - Table 11                              |          |               |         | Sign:                                 |                                               |                 |
| 1. Date/Time                           |                        |                                                  |            |                                                  |                      |                                                  |            |            | y (rm                                            | (IL):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |              | *************************************** |          |               |         | Sign                                  |                                               |                 |
| 2. Date/Time                           | Analyzed:              | <u> </u>                                         | /          | @                                                | Ву                   | (Print):                                         | ·          |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         | Sign:    |               |         | · · · · · · · · · · · · · · · · · · · |                                               |                 |
| Poster in Nesses                       | PATRE To:              |                                                  |            |                                                  |                      | Ві                                               | VŠÝ A      | VAILA      | BLE (                                            | <del>-</del> Φβaγe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | :                | /            | <u></u>                                 | /_       |               | _ Ti    | me.<br>FOI <del>A Remissian B</del>   | Record #J-15-0085 (M                          | Š)              |
| May420thments                          |                        |                                                  |            |                                                  |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       | National Guard Bure                           |                 |
| <b>,</b> ,                             |                        |                                                  |            |                                                  |                      |                                                  |            |            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |              |                                         |          |               |         |                                       | Page 429 of 52                                |                 |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 150787

## CHAIN OF CUSTODY

Mailing/Billing Information: Submittal Information: 1. Client Name: NGS Region No. 1. Job Name: Dandalk Clear 2. Address 1: 301-14 Old Bry Lan 2. Job Location: Dundence Armony 21078 3. Job#: Po.#.

A Contact Person: Non-Responsive @ phon 3. Address 2: Hair KD 

 4. Address 3:
 4. Contact Person:

 5. Phone # 410 942 6273
 Fax # 410 942 6254
 5. Submitted by:

 @ phone # 4 10 942 0273 \_\_\_\_\_Signature: Non-Responsive □ Verbals: @ cell # □ Fax Copy: @ fax # □ Email Copy: @ \_ Asbestos Analysis TEM Bulk Lead Analysis PCM Air - Please Indicate Filter Type: ☐ ELAP 198.4/Chatfield \_\_\_\_(QTY) PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm ☐ NY State PLM/TEM\_\_\_\_(QTY) ☐ NIOSH 7400\_\_\_\_(QTY) ☐ Residual Ash (QTY) ☐ Air (QTY)
☐ Soil/Solid (QTY) ☐ Fiberglass \_\_\_\_\_(QTY) TEM\_Dust TEM Air - Please Indicate Filter Type: Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) U TCLP\_\_\_\_(OTY) PC MCE Porosity in a 25mm 37mm ☐ Ouan. (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) ☐ Drinking Water \_\_\_\_\_(QTY) ☐ AHERA (QTY)
☐ NIOSH 7402 (QTY) ☐ Waste Water (QTY) ☐ Quan. (s/area)Dust D6480-99 (OTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) (OTY) TEM Water ☐ Other (specify (QTY) ☐ Qual. (pres/abs) (QTY)
☐ ELAP 198.2/EPA 100.2 (QTY) PLM Bulk Mold - Direct Microscopic Analysis ☐ EPA 600 - Visual Estimate (QTY) ☐ Spore-Trap \_\_\_\_\_(QTY) ☐ Bulk \_\_\_\_\_(QTY) □ EPA 100.1 (OTY) TEPA Point Count\_\_\_\_\_(QTY) ☐ Surface Swab \_\_\_\_\_(QTY)☐ Surface Vacuum Dust \_\_\_\_\_(QTY) ☐ NY State Friable (QTY) All samples received in good condition unless otherwise noted. ☐ Surface Tape (QTY) ☐ Other (Specify (QTY) Grav. Reduction ELAP 198.1 (QTY) (TEM Water samples \_\_\_\_\_°C) Other (specify\_\_\_\_\_)\_\_\_(QTY) SAMPLE INFORMATION CLIENT CONTACT VOLUME WIPE CLIENTID SAMPLE LOCATION/ IDENTIFICATION DATE AREA NUMBER (LITERS) (LABORATORY STAFF ONLY) 4:4" d2406 20060530 DUN 14 Date/Time: Contact: Bv: 200605300UN 16 Date/Time: Contact: Bv: PLANK NIA NIA BLANK 20000053000020 Date/Time: Contact: Bν: LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/\_\_\_\_@\_\_\_\_\_Via: \_\_\_\_\_By (Print): \_\_\_\_\_\_\_\_Sign: \_\_\_\_\_\_ 2. Date/Time Analyzed: \_\_\_\_/ \_\_\_ @ \_\_\_\_ By (Print): \_\_\_\_\_\_ Sign: \_\_\_\_\_ Posted BENCE POTATRELING Room BESTAVAILABLE COPYTE: \_\_\_\_\_ TECHA Requested Record #J-15-0085 (Mb) May, 2018 mments: Released by National Guard Bureau Page 430 of 5269

|                 |                                                |                       | BULK SAMP                                                  | LE DAT        | Ά                                       | <del>yq</del>                         |                                                                                |
|-----------------|------------------------------------------------|-----------------------|------------------------------------------------------------|---------------|-----------------------------------------|---------------------------------------|--------------------------------------------------------------------------------|
| i .             | For                                            | use of this for       | m see USAERA TG                                            | 141: the p    | proponent is                            | нѕнв-і.                               | o <b>.</b>                                                                     |
| Stak Mil        | Guard Bureau.<br>Litary Reserva                | . ,301 III QUD.       | ess including Zip<br>BAY LANE. AHN: NG.<br>De Grace. MD. 2 | B = AU6 1 = 1 | Non-                                    | Resp                                  | ct (name/AUTOVON) ONSIVE - 02.73 EXF 18                                        |
| Sample          | d installation                                 | ,,                    | Project Nu                                                 |               | *************************************** | Loc                                   |                                                                                |
| Sample          | Son Arma                                       | <del>ofy</del>        | Date Collec                                                | A             |                                         |                                       |                                                                                |
| Ł               | ible È B                                       | •                     | Date Collec                                                | 189           | Dat                                     | e Ship)                               | ped                                                                            |
|                 | tion of Opera                                  |                       |                                                            |               | Loc                                     | ation                                 | (BLDG/AREA)                                                                    |
|                 | IF?                                            |                       |                                                            |               |                                         | W500                                  |                                                                                |
| Associa         | ted Complaint                                  | ta (be spe <b>c</b> i | fic)                                                       |               | ,                                       |                                       |                                                                                |
| Associa<br>Ye   | ted Air Samp<br>s ∑No                          | eles                  | lf yes, ils                                                | t sample      | numbers                                 |                                       |                                                                                |
| Trade N         |                                                |                       | Label Infor                                                |               |                                         | .,                                    |                                                                                |
| ITAGE N         | ame                                            |                       | NSN                                                        | ٨ ا           | ianutacture                             | ir                                    |                                                                                |
| Address         |                                                |                       |                                                            | N.            | ISDS Attact                             | ned                                   |                                                                                |
|                 |                                                |                       |                                                            |               | Yes                                     |                                       | ∏ No                                                                           |
| Analysis        | Desired Le                                     | ad Wip                | es - Furnac                                                | e met         | hod                                     |                                       |                                                                                |
| Lab Use<br>Only | Sample<br>No.                                  | Сола                  | tituents                                                   | Re            | sults                                   |                                       | Remarks                                                                        |
|                 | TOW-09210-                                     |                       | ***************************************                    |               | ·                                       | Floor                                 | 6 bullet trap                                                                  |
|                 | 001                                            |                       | -                                                          |               | <del>,</del> ,                          | <u> </u>                              |                                                                                |
|                 | 607                                            |                       |                                                            |               | ·········                               |                                       | & corner of Rm                                                                 |
| ٠, ,            | ∞3                                             | -                     |                                                            |               |                                         | 1 .                                   | behind counter                                                                 |
|                 | 004                                            |                       |                                                            |               |                                         | Painte                                | d brick wall so                                                                |
|                 | 005                                            |                       |                                                            |               |                                         |                                       | SAA                                                                            |
| Comment         | s to Lab                                       |                       |                                                            |               | (C                                      | ontinue                               | ed on other side)                                                              |
|                 |                                                |                       | Lab Use C                                                  | nly           |                                         | · · · · · · · · · · · · · · · · · · · |                                                                                |
| Analyst (       | inîtîals)                                      | Reviewe               | d By (initials)                                            | ם             | ate Receiv                              | be                                    | Date Reported                                                                  |
| Р               | es Performed<br>osted to NGB FOIA<br>lay, 2018 | Reading Room          | omments:<br>BEST AVA                                       | AILABLE COF   | Y FOL                                   |                                       | ted Record #J-15-0085 (MC)<br>and by National Guard Bureau<br>Page 431 of 5269 |

Page 2

| BULK SAMPLE DATA |                   |                                        |                                              |                                                   |  |  |  |  |
|------------------|-------------------|----------------------------------------|----------------------------------------------|---------------------------------------------------|--|--|--|--|
| ab Vae<br>Only   | Sample<br>No.     | Gonstituents                           | Regults                                      | Romarka                                           |  |  |  |  |
|                  | cole              |                                        | · <del></del>                                | (00)                                              |  |  |  |  |
|                  | 007               |                                        |                                              | SAA<br>Cinder block wall<br>5' above floor        |  |  |  |  |
|                  | 208               |                                        |                                              | SAA                                               |  |  |  |  |
| [                | 009               |                                        | ······································       | ·                                                 |  |  |  |  |
|                  | 0/0               |                                        |                                              | Painted digwell &                                 |  |  |  |  |
|                  | <i>D</i> H        |                                        |                                              | Painted digwell & s'above from wall 4' above fion |  |  |  |  |
|                  | 012               |                                        |                                              | wall 3' above A                                   |  |  |  |  |
|                  | 013               |                                        | <u> </u>                                     | metal bullet trap                                 |  |  |  |  |
|                  | 014               |                                        | 17                                           | netal bullet, tra                                 |  |  |  |  |
|                  | 015               |                                        |                                              | Metal bullet tra<br>bulk stop<br>Metal bullet try |  |  |  |  |
|                  | 016               |                                        | <u> </u>                                     | Metal Shell A                                     |  |  |  |  |
|                  | 017               |                                        |                                              | penden tuble 2 3                                  |  |  |  |  |
| · .              | OIR               |                                        |                                              | Metal Locker                                      |  |  |  |  |
|                  | 019               |                                        | <u> </u>                                     | 1                                                 |  |  |  |  |
|                  | OZO               |                                        |                                              | Floor                                             |  |  |  |  |
|                  | 021               |                                        | <u> </u>                                     | Floor<br>Cohumn near                              |  |  |  |  |
|                  | 027               |                                        | <del></del>                                  | Top of Almy carb                                  |  |  |  |  |
|                  | 023               |                                        |                                              |                                                   |  |  |  |  |
|                  | 024               |                                        |                                              | Table top                                         |  |  |  |  |
|                  | 025               | ······································ | <del></del>                                  | Blank.                                            |  |  |  |  |
|                  | 026               |                                        |                                              | Blank                                             |  |  |  |  |
| _                | <del>~~+</del> +- |                                        | ·                                            |                                                   |  |  |  |  |
|                  |                   |                                        | ·                                            | <u> </u>                                          |  |  |  |  |
| - $+$            | ·                 |                                        | ·                                            |                                                   |  |  |  |  |
|                  | ·                 |                                        | <u>.                                    </u> | [                                                 |  |  |  |  |
| <del></del>      | <del></del> -     |                                        | · <del></del>                                |                                                   |  |  |  |  |
|                  | <del> </del> -    | <u> </u>                               | <u>-</u>                                     |                                                   |  |  |  |  |

- Black Also

May, 2018

OIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 432 of 5269

# AMA Analytical Services, Inc. A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client

 $\Box$ 

National Guard Bureau

Job Name:

Towson Armory IFR

BPA#W912K6-04-A0002

Chain Of Custody:

129886

Report Date: 06-Oct-04

Address:

301-DH Old Bay Lane, Attn: NGB-AVN-SL

Job Locations

Towson, MD

Date Submitted:

9/27/2004

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Date Analyzed:

10/6/2004

Attentions



# Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Ѕажріс Туре | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit |                    | Final Result |                     | Consucents |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------------------|--------------------|--------------|---------------------|------------|
| 0500001              |                         | Flame         | Wipe        | **                | 0.111               | 108.01             | ս <b>ջ/Ո</b> ²     | 20000        | ug/ft²´             |            |
| 0500002              | TOW-092104-002          | Flame         | Wipe        | ****              | 0.131               | 108.01             | 11 <b>2/ft</b> 2   | 8300         | ug/ft²              |            |
| 0500003              | TOW-092104-003          | Furnace       | Wipe        | ***               | 0.111               | 135.01             | ug/ft²             | 430          | mg/ft²              |            |
| 0500004              | TOW-092104-004          | Formace       | Wipe        | ***               | 0.111               | 13.50              | ug/ft²             | 54           | н <b>у/</b> ft²     |            |
| 0500005              | TOW-092104-005          | Formace       | Wipe        | ****              | 0.111               | 13.50              | ug/ft²             | 69           | ug/fit <sup>2</sup> |            |
| 0500006              | TOW-092104-006          | Furnace       | Wipe        | ****              | 0.111               | 2.70               | ug/ft²             | 19           | ug/ft <sup>x</sup>  |            |
| 0500007              | TOW-092104-007          | Famace        | Wipc        | 4849              | 0.111               | 2.70               | ug/ft²             | 12           | ug/fl <sup>z</sup>  |            |
| 0500008              | TOW-092104-008          | Furnace       | Wipe        | *****             | 0.111               | 2.70               | ug/ft²             | 14           | ug/ft²-             |            |
| 0500009              | TOW-092104-009          | Funace        | Wipe        | ****              | 0.111               | 2.70               | ug/fF              | 20           | ug/ff²              |            |
| 0500010              | TOW-092104-010          | Furnace       | Wipe        | ****              | 0.111               | 2.70               | ug/ft²             | 12           | ug/ff               |            |
| 0500011              | TOW-092104-011          | Furnace       | Wipe        | ***               | 9.111               | 2.70               | ug/ft <sup>a</sup> | 5.5          | ug/ff <sup>e</sup>  |            |
| 0506012              | TOW-092104-012          | Furnace       | Wipe        | ****              | 0.111               | 2.70               | ugift              | 4.7          | n®,Us               |            |
| 0500013              | TOW-092104-013          | Furnace       | Wipe        | ****              | 0.111               | 67.51              | ug/ft²             | 300          | ug/ft²              |            |
| 0500014              | TOW-092104-014          | Furnace       | Wîpe        | ***               | 0.111               | 33.75              | ug/ft²             | 130          | rgift <sup>2</sup>  |            |
| 050001.5             | TOW-092104-015          | Furnace       | Wipe        | ****              | 0.111               | 13.50              | υ <b>g/π</b> ²     | 66           | 11 <b>2</b> 7H2     |            |
| 0500016              | TOW-092104-016          | Fumace        | Wipe        | ***               | our                 | 67.51              | ug/ft²             | 300          | 112/M²              |            |
| 0500017              | TOW-092104-017          | Furnace       | ₩îpe        | ****              | 0.111               | 5.40               | ug/ft²             | 42           | ug/ft <sup>r</sup>  |            |
| 0500018              | TOW-092104-018          | Furnace       | Wipe        | ****              | 0.111               | 135.01             | ug/ft²             | 690          | ug/fi²              |            |
| 0500019              | TOW-092104-019          | Funce         | Wipe        | ****              | 0.111               | 2.70               | ug/ft²             | 5.2          | ug/ff²              |            |
| 0500020              | TOW-892104-020          | Formace       | Wipe        | 20*0              | 0.111               | 2.70               | ug/ft²             | 4,4          | ug/ff²              |            |

is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to effects, the public and these Laboratories, - s report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization on us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and bility for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the elicut. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certalication, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 101143), & New York KLAP (#10920) Accredited Laboratory FOIA Requested Record #J-15-0085 (MD) Posted to NGB FOIA Reading Room May, 2018 Released by National Guard Bureau

A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson Armory IFR

Chair Of Custedy:

129886

Report Date: 06-Oct-04

Address:

No.3749

301-III Old Bay Lane, Attn: NGB-AVN-SL State Military Reservation

Job Location:

Towson, MD

Date Submitted:

BPA #W912K6-04-A0002

9/27/2004

Havre de Grace, Maryland 21078

Job Namber: P.O. Number: Not Provided

Person Submitting: Date Analyzed:

10/6/2004

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Arca Wiped<br>(R <sup>e</sup> ) | Reporting<br>Limit | Final Result | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------------------|--------------------|--------------|----------|
| 0500021              | TOW-092104-021          | Furnace       | Wipe        | ***               | 9.[1]                           | 2.70 ug/ft³        | 6.7 ug/ft²   |          |
| 0500022              | TOW-092104-022          | Furnace       | Wîpe        | ****              | 0.111                           | 67.51 ug/ff        | 180 ug/ft²   |          |
| 0590023              | TOW-092104-023          | Furnace       | Wipe        | ***               | 0.111                           | 6.75 og/ff         | 376 ug/fi²   |          |
| 0500024              | TOW-092104-024          | Furnace       | Wipe        | ***               | 0.111                           | 2.70 ng/fi²        | 6.7 ug/12°   |          |
| 0500025              | TOW-092104-025          | Furnace       | Wipe Blank  | ****              | N/A                             | 0.30 ug            | 0.51 ug      |          |
| 0500026              | TOW-092104-026          | Formace       | Wipe Blank  | Baka de           | N/A                             | 0.30 ug            | 0.6 og       |          |

sis Method for Flame: Air, Wipes, Paints,and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A ≈ Not Applicable %Pb = percent lead by weight

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

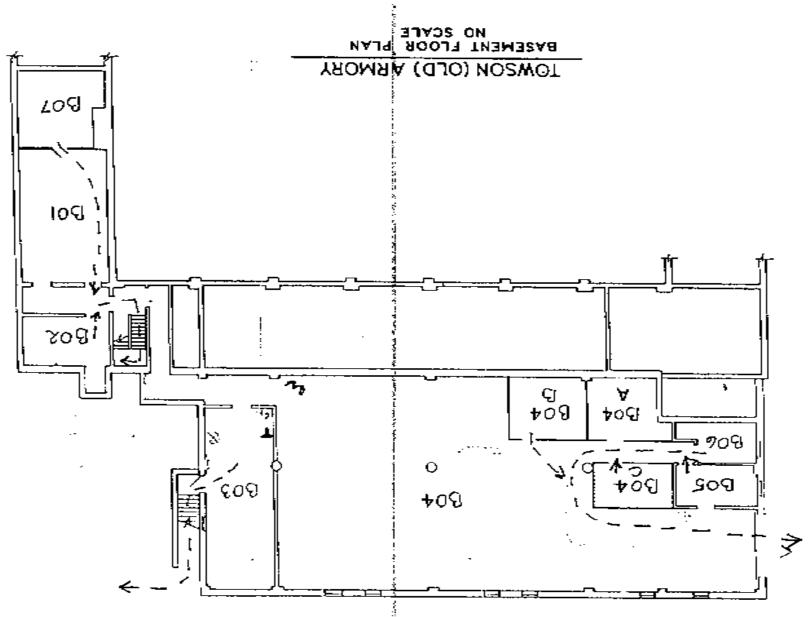
on-Responsive

mical Manager:

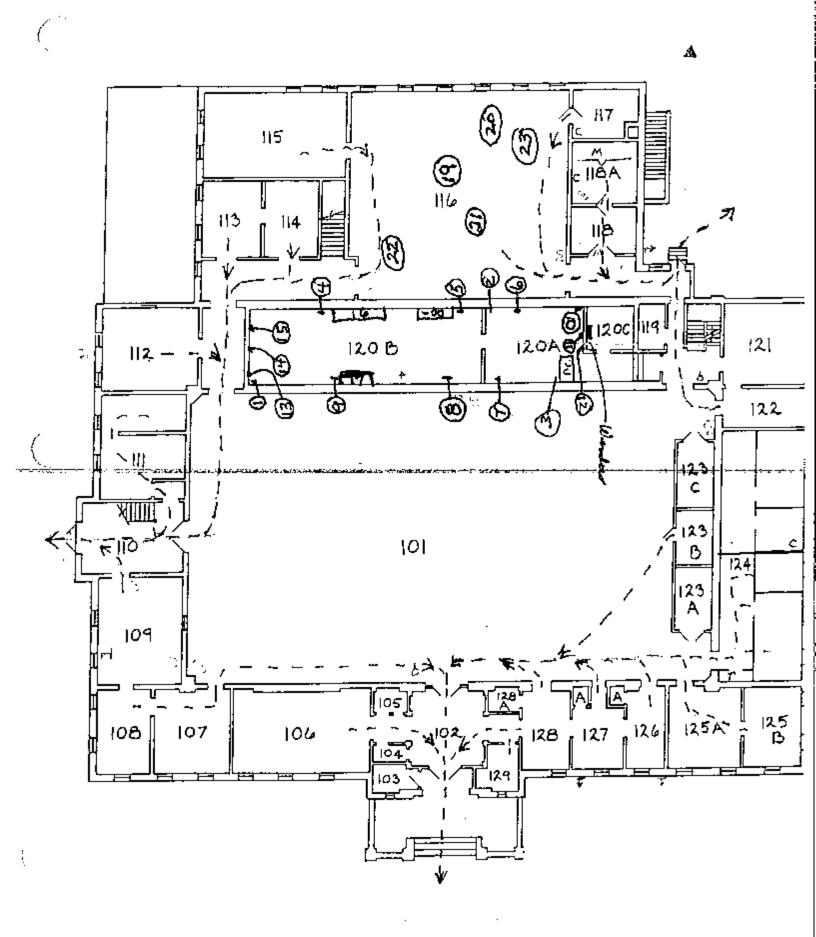


Analyst:

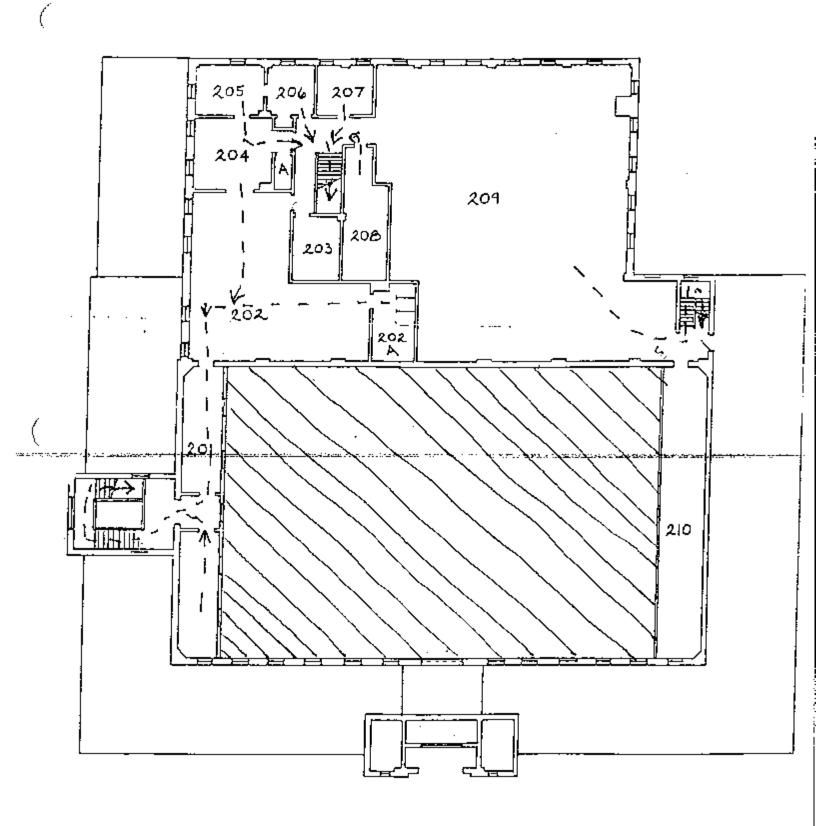
is report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to elients, the public and these Laboratories, s report is submitted and accepted for the exclusive use of the chient to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization as us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly discision any knowledge and bility for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accorditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Pederal Government. All rights reserved. AMA Analytical Services, Inc.



BEST AVAILABLE COPY



 $\beta\cdot \beta\cdot \epsilon$ 



# TOWSON (OLD) ARMORY

SECOND FLOOR PLAN

Townson

- Did not deck drill hall ble it was being mopped as we entered building

|      | *Futber               | ya y              | o fro                                 | n be     | lled tro     | up the   | cleans                                       | <b></b> | the      |
|------|-----------------------|-------------------|---------------------------------------|----------|--------------|----------|----------------------------------------------|---------|----------|
|      | Townson<br>FC Non-Res | ponsive           | _                                     | Use as   | s She        | raye     | for a                                        | et le   | east     |
|      | Non-Respo             | nsive             | 50g                                   | ever i   | gevs<br>SGT  | V        |                                              |         |          |
| FL   | DAR @ INTE            | esection          | est-                                  | •        |              |          |                                              |         |          |
|      | WALL I                |                   |                                       |          |              |          |                                              |         |          |
|      | Floor at              |                   |                                       |          | A \$ 1203    | s (Flo   | or paint                                     | was     |          |
|      | Dealine               | & May             | have                                  | had o    | Chios        | Stuck    | to w                                         | Je Š    |          |
| (3)  | Floor be              | wind o            | punter                                | a)       | entraine     | . ~      | •                                            |         |          |
| FF   | APROK                 | .5 ab             | ove 61.                               | e. on    | Panded       | Bruk     | Wall-                                        | fla     | of Jain  |
| 3    | pealing Hoor be APROK | !                 |                                       |          | f #          |          | l l                                          | 0       | /        |
| 6    | SAA                   | _                 | ,                                     |          |              |          |                                              |         |          |
| Ħ    | Sample                | Taken a           | pprox.                                | 5 abou   | e Hr. o      | - cine   | en block                                     | une     | ae.      |
| (B)  | SAA                   |                   | •                                     |          |              |          |                                              |         |          |
| 9    | SAA                   |                   |                                       |          |              |          |                                              |         |          |
| 6    | Sample J<br>Sample T  | Taken a           | pprox                                 | s'abo    | ne flr. on   | w drywa  | el w/com                                     | 1-910   | as poort |
| (V)  | Sample T              | Taken a           | pprox                                 | 4' aba   | ce Hr. u     | nder wer | udow                                         | ,       | 1        |
| D    | u'                    | k                 | , , , , , , , , , , , , , , , , , , , | 3"       | 1            |          |                                              |         |          |
| B    | 11                    | W                 | H                                     | 7"       | bulle        | of trap  | Backet                                       | r gar   | netal    |
| (14) | 11                    | 11                | 11                                    | 11 11    | #            | ,        |                                              | el      |          |
| 13   | Ü                     | 11                | 11                                    | 11 11    | , 11         |          |                                              | 4/      |          |
| Re   | Meta                  | e Shel            | ( apr                                 | erex, 2  | 2 floor      | /        |                                              |         |          |
| (17) | Table                 | Wooden            | .314                                  | Hode :   | floor        |          |                                              |         |          |
| 18   | Medal                 | LOCKER            | 2                                     | 10 1     |              |          |                                              |         |          |
| (19) | Floor                 |                   | -                                     |          |              |          |                                              |         |          |
| 26   | Floor                 | •                 |                                       |          |              |          |                                              |         |          |
| 21)  | Open ?                | Drug (            | edina.                                |          |              |          |                                              |         |          |
| ZZ)  | Top of F.             | e cab             | eret i                                | under b  | heater       |          |                                              |         |          |
| 3    | Terble                | 7                 |                                       |          | •            |          |                                              |         |          |
| נ    | ,                     | S FOIA Reading Ro | oom                                   | BEST AVA | AILABLE COPY |          | quested Record #J-19<br>leased by National G | •       | •        |

|                 |                      |                   | BULK SAMPLI                         | DAT                                          | ۸            |                       | · · · · · · · · · · · · · · · · · · · |  |  |  |
|-----------------|----------------------|-------------------|-------------------------------------|----------------------------------------------|--------------|-----------------------|---------------------------------------|--|--|--|
|                 | For u                |                   | see USAERA TG 14                    |                                              | •            | -attm.r.              | <u>.</u>                              |  |  |  |
| Poturn          |                      |                   |                                     |                                              | oponent is t |                       | 0.                                    |  |  |  |
| rruiwnac        | Guora Dureau         | , JULIH (JUD IJAY | including Zip Co<br>LANE, AHN, NGB. | ALLA L. S                                    |              |                       | t (name/AUTOVON)                      |  |  |  |
| Stak Mil        | ctary Reservati      | ion , Haure Di    | e Grace MB 210                      | 78                                           | INOII        |                       | DONSIVE                               |  |  |  |
| Sample          | Installation         |                   | Project Numb                        |                                              |              | 410-942 - 0273 EXT 18 |                                       |  |  |  |
| Tou             | uson Armo            | 014               | <u> </u>                            |                                              |              |                       |                                       |  |  |  |
| Sample          | Collected By         | , ,               | Date Collecte                       | d                                            | Date         | Shipt                 | ed                                    |  |  |  |
|                 | ible & B.            |                   | ,                                   |                                              |              | •                     |                                       |  |  |  |
|                 | tion of Operat       | ion               |                                     |                                              | Log          | ation                 | (BLDG/AREA)                           |  |  |  |
|                 | IFP                  |                   |                                     |                                              |              | Tu                    | W300                                  |  |  |  |
| Assucia         | ted Complaints       | be specific       | )                                   |                                              |              |                       |                                       |  |  |  |
| Associa         | ted Air Sampi        | 0.0               | n n                                 |                                              |              |                       |                                       |  |  |  |
| Y               | ·                    | <del></del>       | if yes, list :                      | sample                                       | numbers      |                       |                                       |  |  |  |
| Trada N         |                      |                   | Label Informa                       |                                              |              |                       |                                       |  |  |  |
| Trade N         | am e                 | ,                 | 48N                                 | М                                            | anufacture   | r                     |                                       |  |  |  |
| Address         |                      |                   |                                     | м                                            | SDS Attach   | ed                    |                                       |  |  |  |
|                 |                      |                   |                                     |                                              | Yes          |                       | ☐ No                                  |  |  |  |
| Analysis        | Desired Lea          | ed tuipes         | - Furnace                           | met                                          | lod          |                       |                                       |  |  |  |
| Lab Use<br>Only | Sample<br>No.        | Constit           |                                     |                                              | sults        |                       | Remarks                               |  |  |  |
|                 | TOW-012101           |                   |                                     | <u>.                                    </u> |              | Floor                 | @ bullet trap                         |  |  |  |
|                 | 001                  |                   |                                     |                                              |              |                       | , , , , , , , , , , , , , , , , , , , |  |  |  |
|                 | toz                  |                   |                                     |                                              |              | 1                     | @ corner of lm                        |  |  |  |
| <b>.</b> .      | ∞3                   |                   |                                     |                                              |              |                       | behind courter                        |  |  |  |
|                 | ~ ·                  | ·                 |                                     |                                              |              | @                     | entrance                              |  |  |  |
|                 | 004                  |                   |                                     |                                              |              |                       | ed brick wall so                      |  |  |  |
|                 | 005                  |                   |                                     |                                              |              |                       |                                       |  |  |  |
| Comment         |                      |                   | <u></u>                             |                                              | IC.          | 0.00                  | SAA<br>ed on other side)              |  |  |  |
|                 |                      |                   |                                     |                                              | (0           | on time (             | eu on other side)                     |  |  |  |
|                 |                      |                   | Lab Use Onl                         | у                                            |              |                       |                                       |  |  |  |
| Analyst         | initials)            | Reviewed          | By (initials)                       | Date Receiv                                  |              |                       | Date Reported                         |  |  |  |
| Procedur        | es Performed         | Соп               | ıments:                             |                                              |              |                       |                                       |  |  |  |
|                 | Posted to NGR FOIA I | Reading Room      | BEST AVAILA                         | BLE COPY                                     | FOIA         | Panuastan             | l Record #.I-15-0085 (MD)             |  |  |  |



| ab Use   | Sample          | <del></del>     |               | ····                                                              |
|----------|-----------------|-----------------|---------------|-------------------------------------------------------------------|
| Only     | No.             | Constituents    | Results       | Remarke                                                           |
|          | oole            | <u> </u>        | . <u>'</u>    | (44)                                                              |
|          | <u>007</u>      |                 |               | SAA<br>Conder block wall<br>S' above floor                        |
|          | 208             |                 | <u> </u>      | SAA                                                               |
|          | 009             |                 | <u> </u>      |                                                                   |
|          | 6/0             |                 |               | Painted digwall B<br>5' about flow<br>wall 4' above fl            |
|          | 011             |                 | <u> </u>      | Wall 4' above fi                                                  |
|          | 012             |                 |               | wall 3' above fi                                                  |
|          | 013             |                 |               | metal bullet trap                                                 |
| <u></u>  | 014             |                 |               | Metal bullet, tra                                                 |
| $- \bot$ | 015             |                 |               | Metal bullet tra                                                  |
|          | 016             |                 | <del></del>   | Metal Stell n                                                     |
|          | 017             |                 | <u> </u>      | wooden tuble = 3                                                  |
|          | 018             |                 |               | above floor                                                       |
|          | 019             |                 |               | Medal Looker                                                      |
|          | OZO             |                 |               | Flour                                                             |
|          | 021             |                 |               | COLUMN NEOT                                                       |
|          | 022             |                 |               | Column near<br>Open doe Calle<br>Top of Fing cass<br>under heater |
|          | 023             |                 |               |                                                                   |
|          | 024             |                 | <del></del> - | Table top                                                         |
|          | 025             |                 | <u>_</u> _    | Blank<br>Blank                                                    |
| $\top$   | 026             |                 | <u> </u>      | Blonk                                                             |
|          |                 |                 | <u></u>       | <del> </del>                                                      |
| -        |                 | ·· <del>·</del> |               | <del> </del>                                                      |
|          |                 |                 | <del></del> . | <u> </u>                                                          |
|          |                 |                 | <del></del>   | <del></del>                                                       |
|          | <del>-  -</del> | <del></del>     | <del></del>   |                                                                   |

Posted to NGB FOIA Reading Room May, 2018

A Requested Record #J-15-8885 (MD)-Released by National Guard Bureau Page 441 of 5269

# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

**NGB-ARS-IHNE** 

13 March 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Ruhl Readiness Center Indoor Firing Range

- 1. An email dated 05 March 2007 from the CFMO stated that the Ruhl Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



**BEST AVAILABLE COPY** 

CIV NGB From:

Sent: Tuesday, March 13, 2007 9:15 AM

To:

Subject: FW: Ruhl Readiness Center, 1035 York Road, Towson, MD 21204-2517

NGB Regional Industrial Hyglenist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell Non-Resp FAX 410-942-0254

#### NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

LTC (RET) MDARNG

Sent: Monday, March 05, 2007 2:50 PM To Non-Responsive CIV NGB; Non-R

TC MDARNG; Non-Responsive TC (Ret) MDARNG;

Subject: Ruhl Readiness Center, 1035 York Road, Towson, MD 21204-251,

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road Baltimore, MD 21212

410-377-0500

Mr. Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns in most areas or an acceptable level to you. The room has been fully encapsulated to current standards.

### V/r pons

PS: This concludes all the ranges in Batch C and only leaves the three southern ranges.

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Cade IV Ruhl, Westminster VI

Chain Of Custody:

159358

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Cade Armory, Towson (Ruhl) Armory,

Date Submitted:

1/24/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Westminster

Not Provided

Not Provided

Person Submitting: Date Analyzed:

1/24/2007

24-Jan-07

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 1 of I

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | F | inal Res | ult      | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|----------|----------|----------|
| 0726326              | 20070123CAD501          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 160      | ug/ft²   |          |
| 0726327              | 20070123CAD502          | Flame         | Wipe        | 计专术单              | 0.111               | 108.01 | ug/ft²         |   | 140      | ug/ft²   |          |
| 0726328              | 20070123CAD503          | Flame         | Wipe        | 米米米米              | 0.111               | 108.01 | ug/ft²         |   | - 210    | ug/ft²   |          |
| 0726329              | 20070123CAD504          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft²   |          |
| 0726330              | 20070123WST601          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft²   |          |
| 0726331              | 20070123WST602          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 190      | ug/ft² , |          |
| 0726332              | 20070123WST603          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft²   |          |
| 0726333              | 20070123TWR501          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 1300     | ug/ft²   |          |
| 0726334              | 20070123TWR502          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 210      | ug/ft²   |          |
| 0726335              | 20070123TWR503          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 2500     | ug/ft²   |          |
| 0726336              | 20070123TWR504          | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug             | < | 12       | ug       |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

See QC Summary for analytical results of quality control samples associated with these samples.

N/A = Not Applicable

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

echnical Manager

lon-Responsi

Analyst:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (#18ESBAVAINABLYOCIOPY AP (#10920) Accredited Laboratoria Requested Record #J-15-0085 (MD) 4475 Forbes Bivd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2640 ased by National Guard Bureau

Page 444 of 5269





Comment

Acceptable.

# QC Summary

Sample Delivery Group: 14297

Sample Type: Wipe
Analysis Date: 1/24/07

Result Percent RPD Recovery

Flame

86.46%

3.61%

-0.013Acceptable Preparation Blank րբու Report Limit Verification Sample 0.217րրու 65.1% Outside Limits Expected Spike Lovel (ppm) 0.3333 Diplicate Sample 1 #Num! mg/Kg Mirror degrar Doplicate Sample 2 #Mune! mg/Kg Matrix Spike Analysis 91.81% Spiked Sample Acceptable Spike Duplicate Acceptable 83.39% Laboratory Control Sample 1 Acceptable 239,241 μĸ

249,034

Analysis Type:

Calibration Information

Laboratory Control Sample 2

Correlation of Calibration Curve: 0.99805

All cullbration verification samples are within acceptance limits.

Notes: Recovery for the Report Limi

Recovery for the Report Limit Verification Sample was 65.1%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDO 14299 (98.2% recovery).

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number 159358 26326 20070123CAD501

159358 26327 20070123CAD502

SDC Number: 1/1297 Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159358           | 26328             | 20070123CAD503       |
| 139358           | 26329             | 20070123CAD504       |
| 159358           | 26330             | 20070123WST601       |
| 15935R           | 26331             | 20070123WST602       |
| 159358           | 26332             | 20070123WST603       |
| 159358           | 26333             | 20070123TWR 501      |
| 159358           | 26334             | 20070123TWR502       |
| 159358           | 26335             | 20070123TWR503       |
| 159358           | 26336             | 20070123TWR504       |

SDG Number: 14297 Page 2 of 2

BEST AVAILABLE COPY

# A Spec

### CERTIFICATE OF ANALYSIS

Client:

me: cation: Towson Armory (Ruhl)

Chain Of Custody:

Person Submitting:

136287

Date Submitted:

11/17/2005

28-Nov-05

Address:

mber: ımber:

Not Provided Not Provided

Towson MD

Date Analyzed:

11/23/2005

Report Date:

Attention:

ary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample | :               |         | pe         | Air Volume | Area Wiped | Rene   | orting | Final Res     | nit    | Comments         |  |
|------------|-----------------|---------|------------|------------|------------|--------|--------|---------------|--------|------------------|--|
| Number     | Number          | Number  |            | (L)        | (ft²)      | Limit  |        | 1 11121 14134 |        | <b>*********</b> |  |
| 0609335    | 20051109TOW 001 | Furnace | Wipe       | ***        | 0.111      | 13.50  | ug/ft² | 54            | ug/ft² |                  |  |
| 0609336    | 20051109TOW 002 | Flame   | Wipe       | ***        | 0.111      | 108.01 | ug/ft² | 66000         | ug/ft² |                  |  |
| 0609337    | 20051109TOW 003 | Flame   | Wipe       | ***        | 0.111      | 108.01 | ug/ft² | 13000         | ug/ft² |                  |  |
| 0609338    | 20051109TOW 004 | Flame   | Wipe       | ***        | 0.111      | 108.01 | ug/ft² | 15000         | ug/ft² |                  |  |
| 0609339    | 20051109TOW 005 | Flame   | Wipe       | ***        | 0.111      | 108.01 | ug/ft² | 4100          | ug/ft² |                  |  |
| 0609340    | 20051109TOW 006 | Furnace | Wipe       | 妆妆林林       | 0.111      | 67.51  | ug/ft² | 210           | ug/ft² |                  |  |
| 0609341    | 20051109TOW 007 | Furnace | Wipe       | 解除敬敬       | 0.111      | 270.03 | ug/ft² | 2500          | ug/ft² |                  |  |
| 0609342    | 20051109TOW 008 | Furnace | Wipe       | ***        | 0.111      | 270.03 | ug/ft² | 1800          | ug/ft² |                  |  |
| 0609343    | 20051109TOW 009 | Furnace | Wipe       | ***        | 0.111      | 2.70   | ug/ft² | 14            | ug/ft² |                  |  |
| 0609344    | 20051109TOW 010 | Furnace | Wipe       | ****       | 0.111      | 2.70   | ug/ft² | 23            | ug/ft² |                  |  |
| 0609345    | 20051109TOW 011 | Furnace | Wipe       | ****       | 0.111      | 13.50  | ug/ft² | 74            | ug/ft² |                  |  |
| 0609346    | 20051109TOW 012 | Furnace | Wipe       | ****       | 0.111      | 13.50  | ug/ft² | 61            | ug/ft² |                  |  |
| 0609347    | 20051109TOW 013 | Furnace | Wipe       | ***        | 0.111      | 13.50  | ug/ft² | 37            | ug/ft² |                  |  |
| 0609348    | 20051109TOW 014 | Furnace | Wipe       | ****       | 0.111      | 2.70   | ug/ft² | 9.4           | ug/ft² |                  |  |
| 0609349    | 20051109TOW 015 | Furnace | Wipe       | ***        | 0.111      | 2.70   | ug/ft² | 27            | ug/ft² |                  |  |
| 0609350    | 20051109TOW 016 | Furnace | Wipe       | ***        | 0.111      | 67.51  | ug/ft² | 210           | ug/ft² |                  |  |
| 0609351    | 20051109TOW 017 | Furnace | Wipe       | ***        | 111.0      | 2.70   | ug/ft² | 22            | ug/ft² |                  |  |
| 0609352    | 20051109TOW 018 | Furnace | Wipe Blank | <b>帐帐帐</b> | N/A        | 0.30   | ug     | 0.54          | пŝ     |                  |  |
| 0609353    | 20051109TOW 019 | Furnace | Wipe Blank | 棕棕橄橄       | N/A        | 0.30   | ug     | 0.43          | ug     |                  |  |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863), NVLAP (#101585) AVAILABLE COPYAP (#10920) Accredited Laborato OIA Requested Record #J-15-0085 (MD) 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-28eleased by National Guard Bureau

Page 447 of 5269

# A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson Armory (Ruhl)

Chain Of Custody:

136287

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson MD

Date Submitted:

11/17/2005

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

Not Provided

Person Submitting:

Attention:

P.O. Number: Not Provided

Date Analyzed:

11/23/2005

Report Date:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

28-Nov-05

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume (L)

Area Wiped (ft²)

Reporting Limit

associated with these samples.

Final Result

See QC Summary for analytical results of quality control samples

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water; SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water; SM-3113B

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Technical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Analys

BEST AVAILABLE COPY

# A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Ruhl) #2

Chain Of Custody:

150777

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI.

Job Location:

Towson (Ruhl) Armory

Date Submitted:

Date Analyzed:

12/15/2006

Audress.

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting:

Non-Responsi

12/15/2006 Report Date:

15-Dec-06

Attention:



# Summary of Atomic Absorption Analysis for Lead

Page I of 2

| AMA Sample<br>Number | Client Sample<br>Number<br>20061213TWR2 01 | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit |                | Fin | nal Res | ult    | Comments |
|----------------------|--------------------------------------------|---------------|-------------|-------------------|---------------------|--------------------|----------------|-----|---------|--------|----------|
| 0719653              |                                            | Flame         | Wipe        | ****              | 0.111               | 108.01 ug/t        | t²             |     | 130     | ug/ft² |          |
| 0719654              | 20061213TWR2 02                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/1        | t²             | <   | 110     | ug/ft′ |          |
| 0719655              | 20061213TWR2 03                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/1        | <del>}</del> 2 |     | 270     | ug/ft² |          |
| 0719656              | 20061213TWR2 04                            | Flame         | Wipe        | <b>黎晚嫩</b> 椒      | 0.111               | 108.01 ug/1        | t²             |     | 520     | ug/ft² |          |
| 0719657              | 20061213TWR2 05                            | Flame         | Wipe        | ****              | 0.111               | 108.01 ug/1        | t²             |     | 410     | ug/fl² |          |
| 0719658              | 20061213TWR2 06                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/i        | ît²            |     | 260     | ug/ft² |          |
| 0719659              | 20061213TWR2 07                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/i        | lt²            |     | 7600    | ug/ft² |          |
| 0719660              | 20061213TWR2 08                            | Flame         | Wipe        | ****              | 0.111               | 108.01 ug/1        | ft²            |     | 110     | ug/ft² |          |
| 0719661              | 20061213TWR2 09                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/:        | ft²            |     | 1000    | ug/ft² |          |
| 0719662              | 20061213TWR2 10                            | Flame         | Wipe        | 海海海峡              | 0.111               | 108.01 ug/         | ft²            |     | 460     | ug∕ft² |          |
| 0719663              | 20061213TWR2 11                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ແອ/         | ft²            |     | 180     | ug/ft² |          |
| 0719664              | 20061213TWR2 12                            | Flame         | Wipe        | ****              | 0.111               | 108.01 ug/         | ft²            | <   | 110     | ug/ft² |          |
| 0719665              | 20061213TWR2 13                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/         | ft²            | <   | 110     | ug/ft² |          |
| 0719666              | 20061213TWR2 14                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/         | ft²            |     | 370     | ug/ft² |          |
| 0719667              | 20061213TWR2 15                            | Flame         | Wipe        | ***               | 0.111               | 108.01 ug/         | ft²            |     | 140     | ug/ft² |          |
| 0719668              | 20061213TWR2 16                            | Flame         | Wipe        | ****              | 0.111               | 108.01 ug/         | ft²            | < , | 110     | ug/ft² |          |
| 0719669              | 20061213TWR2 17                            | Flame         | Wipe Blank  | ****              | N/A                 | 12.00 ug           |                | <   | 12      | ug     |          |
| 0719670              | 20061213TWR2 18                            | Flame         | Wipe Blank  | ***               | N/A                 | 12.00 ug           |                | <   | 12      | ug     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Ruhl) #2

Chain Of Custody:

150777

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson (Ruhl) Armory

Analyst:

Date Submitted:

12/15/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting: Date Analyzed:

12/15/2006

15-Dec-06

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

See QC Summary for analytical results of quality control samples

Comments

Number

Number

(L)

(ft²)

Limit

associated with these samples.

Report Date:

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

N/A = Not Applicable

%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Technical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.





# QC Summary

Sample Delivery Group: 14159

Analysis Type:

Flants

Sample Type:

Wipe

Analysis Date:

12/15/2006

82.01%

4.40%

Acceptable

|                                   | Ro      | sult   | Percent<br>Recovery | RFD     | Comment    |
|-----------------------------------|---------|--------|---------------------|---------|------------|
| Preparation Blank                 | -0.014  | ppm    |                     |         | Acceptable |
| Report Limit Verification Sample  | 0.3106  | ppm    | 93 2%               |         | Acceptable |
| Expected Spike Level (ppm) 0.3333 |         |        |                     |         |            |
| Duplicate Sample 1                | #Num!   | mg/Kg  |                     |         |            |
| Duplicate Sample 2                | #Numl   | nıg/Kg |                     | Alteron | #Haror     |
| Matrix Spike Analysis             |         |        |                     |         |            |
| Spiked Sample                     |         |        | 93.05%              |         | Acceptable |
| Spike Duplicate                   |         |        |                     |         | Acceptable |
| Laboratory Control Sample 1       | 275,174 | hЯ     | 85.70%              |         | Acceptable |

231,363

#### Calibration Information

Correlation of Calibration Curve:

Laboratory Control Sample 2

0.998053

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

150777

19653

20061213TWR2 01

150777

19654

20061213TWR2 02

SDG Number:

14159

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150777           | 19655             | 20061213TWR2 03      |
| 150777           | 19656             | 20061213TWR2 04      |
| 150277           | 19657             | 20061213TWR2 05      |
| 150777           | 19658             | 20061213TWR2-06      |
| 150777           | 19659             | 20061213TWR2 07      |
| 350777           | 19660             | 200612131 WK2 08     |
| 150777           | 19661             | 20061213TWR2 09      |
| 150777           | 19662             | 20061213TWR2 10      |
| 150777           | 19663             | 20061213TWR2 11      |
| 150777           | 19664             | 20061217TWR2 12      |
| 150777           | 19665             | 2006)213TWRZ 13      |
| 150777           | 19666             | 20061213TWR2 14      |
| [50777           | 19667             | 20061217TWR2 15      |
| 150777           | 19668             | 20061213TWRZ 16      |
| t50777           | 19669             | 20061213TWR2 17      |
| 150777           | 19670             | 20061213TWR2 18      |

SDG Number: 14159 Page 2 of 2



AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150777

# **CHAIN OF CUSTODY**

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _                       | _                  |                                          |                                                                                                              |                                                                                                                      | Subm                         | ittal Ir    | form              | ation:             |                      |                |                                                   |                                                                  |                                                                           |                       |                                                                     |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------|-------------|-------------------|--------------------|----------------------|----------------|---------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------|
| 1. Client Name: Ke                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | n Forsythe 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NGB                     | Kegion             | North                                    | 1/4                                                                                                          |                                                                                                                      | 1. Jo                        | b Nam       | e:                | MO!                | SOn                  | (B)            | <u> (14x</u>                                      | <b>≠</b> 2_                                                      |                                                                           |                       |                                                                     |                         |
| 1. Client Name: <u>Ke</u> .  2. Address 1: <u>361-1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14 Old Bay L.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400                     |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   |                    |                      |                |                                                   |                                                                  |                                                                           |                       |                                                                     |                         |
| 3. Address 2: Haure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | de Grace, M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | D 21                    | 072                |                                          |                                                                                                              |                                                                                                                      | 3. Jo                        | .b#:        |                   | Von.               | P                    | enc            | neiv                                              | <u> </u>                                                         | . P.O                                                                     | . #                   |                                                                     |                         |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              | 200         |                   | VOIT               | -110                 | sapu           | ПЭТ                                               |                                                                  |                                                                           | @ pho                 | one# 410 942                                                        | 0273 y 25               |
| 5. Phone #: 410 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | and the second contract and a second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the second contract and the |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              | ubmitte     |                   |                    |                      |                |                                                   |                                                                  | S                                                                         | Signature: NO         | one# 4/0 942<br>n-Responsive                                        |                         |
| ☐ Please include COC/f<br>Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | equired: 12/15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1DCD                    | <u> 103</u>        | □1m                                      | md. 🛭                                                                                                        | 24hr 🖂                                                                                                               | 48hr [                       | ]72hr       | □5 D              | ay + [             | ]Imr                 | ad. Aft        | er-Hou                                            | isible<br>rs* ⊑                                                  | ):<br>]24h                                                                | r After-Hours*        |                                                                     | oe pre-scheduled)       |
| ☐ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                    | ☐ Fax Cop                                | у:                                                                                                           |                                                                                                                      |                              | @ f         | ax#               |                    |                      |                |                                                   | _ 🗅 E                                                            | mai                                                                       | I Copy:               |                                                                     |                         |
| Asbestos Analysis PCM Air – Please Indicate PC MCE Porosity NIOSH 7400 Fiberglass TEM Air – Please Indicate PC MCE Porosity AHERA NIOSH 7402 Other (specify PLM Bulk EPA 600 – Visual EEPA Point Count NY State Friable Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Filter Type:in a 25mm 37mm(QTY)(QTY) Filter Type:in a 25mm 37mm(QTY)(QTY)) stimate(QTY)(QTY)(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _(QTY)<br>?TY)<br>(QTY) |                    | TEM BU O R TEM DU O Q O Q TEM Wa O Q O E | k<br>LAP 19<br>Y State<br>esidual.<br>st<br>uan. (s/:<br>uan. (s/:<br>ter<br>ual. (pre<br>LAP 19:<br>PA 100. | 8.4/Chatfi<br>PLM/TEI<br>Ash<br>es/abs) Vacurea) Vacurea) Dust<br>es/abs)<br>3.2/EPA 1<br>1<br>es receive<br>samples | cuum/D cuum/D num D5' D6480- | (QTY)  Oust | (QTY<br>(QTY<br>) | Y) (Q1 (QT         | ''Y)<br>(QT'Y<br>'Y) | )              | La<br>M                                           | ead And<br>PP<br>DD A<br>D S<br>D D<br>Old - I<br>O S<br>Old - I | alysi aint ( ) ust V ir oil/So CLP rinki Vaste bust V  Direct pore- urfac | SChip                 | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>ipe type)     | (QTY) (QTY) (QTY) (QTY) |
| CLIENT ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE INFORMAT<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TION                    | VOLUMI<br>(LITERS) | E WIPE<br>AREA                           | <u>  B</u> #                                                                                                 | ANAI                                                                                                                 | XSIS                         | dor /       | / ×               | TOTAL              | / 🛣                  | MATRI<br>  #8# | _<br>X<br> / ខ្លី <u>ខ</u> ្ញុំ /                 | APB.                                                             |                                                                           | Ĩ.,                   | CLIENT CONTACT                                                      | ATT VA                  |
| 20061213TWR2.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/13                   |                    | 4"×4"                                    |                                                                                                              |                                                                                                                      | 1 > 3                        |             |                   |                    | $\tilde{\mathbf{x}}$ |                |                                                   |                                                                  |                                                                           | Date/Time:            |                                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Floor in canse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 1                     |                    |                                          | r                                                                                                            |                                                                                                                      |                              |             | * 24.094.03b      | e gegannazee.      |                      | 1500000000     | essentante de                                     | *******                                                          |                                                                           | Date/Time:            | Contact:                                                            | By:                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Floor in cange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                    |                                          | Will state                                                                                                   |                                                                                                                      |                              |             |                   | 33.75871           |                      |                |                                                   | Verilla de                                                       |                                                                           |                       |                                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Floor in range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                    | 1                                        |                                                                                                              | assistante en proces                                                                                                 | Senior Senior B              |             | 2 0100001010      | 46000000000        |                      | e descharation | 6 AMASSA 2 10                                     | ARREST STATE                                                     | 2000                                                                      |                       |                                                                     |                         |
| 20061213TWR265                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   |                    |                      | 1572220        |                                                   |                                                                  |                                                                           | Date/Time:            | Contont                                                             | D                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wall, Trap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              | J. Barrie   |                   | 20000000000        | 100                  | 4 2440,404-04  | **************************************            | 2003000                                                          | ere major                                                                 | Date/Inne.            | Contact:                                                            | By:                     |
| Earth Cartistana Calendara (China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China and China an | Wall Trap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   |                    |                      |                |                                                   |                                                                  |                                                                           |                       |                                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wall, less                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                    |                                          |                                                                                                              | an real series stars                                                                                                 | G.                           |             | 8 1911            | i accessorance con | 3000 \$15.00         | y greaten asse | Accordances years                                 | - VA 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4                       | cyjcusee                                                                  |                       |                                                                     |                         |
| 20061213TWR269                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   |                    |                      |                |                                                   |                                                                  |                                                                           | Date/Time:            | Contact:                                                            | By:                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wall right                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9                       |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   |                    | -                    |                |                                                   | 1.18.28 8 110 110                                                | V 20020-0-11                                                              | Date IIIIe.           | Contact.                                                            | Бу:                     |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Floor hallway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              | 4           | MARGINE.          | 224.000            |                      |                |                                                   |                                                                  |                                                                           |                       |                                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Floor hellway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                       |                    |                                          |                                                                                                              |                                                                                                                      |                              |             |                   | 230070030035       | 11.00                | 3/10/40000     | A 160 S 46 S 10 S 10 S 10 S 10 S 10 S 10 S 10 S 1 |                                                                  | 141 (445 <sub>) (</sub> 726                                               |                       |                                                                     |                         |
| 20061213 TWR2 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | W                       |                    | W                                        |                                                                                                              |                                                                                                                      | W                            |             | 9440              |                    | W                    |                |                                                   |                                                                  |                                                                           |                       | Non-Responsiv                                                       | <u>/e</u>               |
| LABORATORY STA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                    |                                          |                                                                                                              |                                                                                                                      |                              |             | No                | n-Re               | SDC                  | nsiv           | e '                                               |                                                                  |                                                                           |                       |                                                                     |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | e RCVD: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> S</u> /             | '\ <u>@</u>        | <u>_</u> 1030,                           | Via:                                                                                                         | <i>~₩</i>                                                                                                            |                              | By (Pri     |                   |                    |                      |                |                                                   |                                                                  |                                                                           | Sign:                 |                                                                     |                         |
| 2. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e Analyzed:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         | 7                  | @                                        | By (                                                                                                         | ?rint):                                                                                                              |                              |             | 11                |                    |                      |                | ടign:_                                            |                                                                  |                                                                           |                       |                                                                     |                         |
| _ 3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | eported To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                    |                                          |                                                                                                              | Yjea                                                                                                                 | <b></b>                      | II ADI E    | Date              |                    | /                    |                | /                                                 |                                                                  | Tir                                                                       | ne                    |                                                                     |                         |
| May, Sonomen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | eported To:<br>FOIA Reading Room<br>ts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |                    |                                          |                                                                                                              | DES                                                                                                                  | I AVA                        | IL ADET     | COP               |                    |                      |                |                                                   |                                                                  |                                                                           | FUIA Reques<br>Releas | ited Record #J-15-00631<br>ed by National Guard Bu<br>Page 453 of 5 | eau                     |

www.amalab.com

AMA Analytical Services, Inc.

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150777

# CHAIN OF CUSTODY

Mailing/Billing Information: Submittal Information: 1. Client Name: Ken Forsythe NGB Region North 1H

2. Address 1: 361-1H Bid Bay Lane

3. Address 2: Havre On Grace, MD Z1078

3. Job#

1. Job Name: Towson (Ruhi) #Z

2. Job Location: Towson (Ruhi) Armory

3. Job# 4. Contact Person Non-Responsi @ phone # 410 942 0273 x 25 4. Address 3: 5. Phone # 410 942 6273 Fax #: 410 942 6254 5. Submitted by: \_Signature: Non-Responsive Reporting Information (Results will be provided as soon as technically feasible): ☐ Please include COC/field data sheets with results Asbestos Analysis TEM Bulk Lead Analysis Paint Chip (QTY)
Dust Wipe (wipe type 18) Chost (QTY) PCM Air - Please Indicate Filter Type: ☐ ELAP 198.4/Chatfield\_\_\_\_\_ PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm ☐ NY State PLM/TEM\_\_\_\_(QTY) □ NIOSH 7400\_\_\_\_\_(QTY) ☐ Residual Ash \_\_\_\_\_(OTY) ☐ Air\_\_\_\_\_(QTY) ☐ Fiberglass (QTY) Soil/Solid\_\_\_\_(QTY) TEM Dust TEM Air - Please Indicate Filter Type: Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) TCLP\_\_\_\_(OTY) PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm Quan. (s/area) Vacuum D5755-95 (QTY) ☐ Drinking Water \_\_\_\_\_(QTY) ☐ AHERA (QTY)
☐ NIOSH 7402 (QTY) Quan. (s/area)Dust D6480-99\_\_\_\_\_(OTY) ☐ Waste Water\_\_\_\_(OTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) (OTY) TEM Water Other (specify\_\_\_\_\_)\_\_\_(OTY) ☐ Qual. (pres/abs) (QTY)
☐ ELAP 198.2/EPA 100.2 (QTY) PLM Bulk Mold - Direct Microscopic Analysis \_\_\_(QTY) ☐ EPA 600 - Visual Estimate\_\_\_\_ ☐ EPA 100.1\_\_\_\_\_(OTY) ☐ Spore-Trap (QTY) ☐ Bulk (QTY) ☐ EPA Point Count\_\_\_\_(QTY) ☐ Surface Swab \_\_\_\_\_ (QTY)☐ Surface Vacuum Dust \_\_\_\_ ☐ NY State Friable (QTY) ☐ All samples received in good condition unless otherwise noted. ☐ Surface Tape\_\_\_\_\_(QTY) ☐ Other (Specify\_\_\_\_\_)\_\_\_(QTY) ☐ Gray, Reduction ELAP 198.1 (QTY) (TEM Water samples \_\_\_\_\_°C) Other (specify\_\_\_\_\_ (QTY) SAMPLE INFORMATION ANALYSIS CLIENT CONTACT CLIENT ID SAMPLE LOCATION/ VOLUME IDENTIFICATION NUMBER (LITERS) AREA (LABORATORY STAFF ONLY) ⊔"×u" 20061213TWRZ 14 FLOOR CASE Date/Time: Contact: Bv: 15 Floor, Case 16 Floor, out de 17 Black NIA 20061213TWR218 BLANK Date/Time: Contact: Bv: Date/Time: Contact: By: LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/\_\_\_@\_\_\_\_Via:\_\_\_\_\_\_By (Prior): Posted to NGB FOIA Requested Record #J-15-00895(Nfb) May 4-2008 ments: \_\_\_\_\_\_ Released by National Guard Bureau Page 454 of 5269

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Townson (Ruhi) Clear #3

Chain Of Custody:

159351

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation Job Location:

Townson (Ruhl) Armory

Date Submitted:

1/5/2007

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided Person Submitting:

Non-Responsi

Date Analyzed:

1/5/2007

Report Date:

05-Jan+07

Attention:



# Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>mit | I      | inal Res | ult    | Comments |        |  |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|---------------|--------|----------|--------|----------|--------|--|
| 0722948 20070104TV   | 20070104TWR3 01         | Flame Wipe    | Wipe        | Wipe              | Wipe                | 非非米米   | 0.111         | 108.01 | ug/ft²   | <      | 110      | ug/ft² |  |
| 0722949              | 20070104TWR3 02         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722950              | 20070104TWR3 03         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | <      | . 110    | ug/ft² |          |        |  |
| 0722951              | 20070104TWR3 04         | Flame         | Wipe        | *****             | 0.111               | 108.01 | ug/ft²        |        | 210      | ug/ft² |          |        |  |
| 0722952              | 20070104TWR3 05         | Flame         | Wipe        | aje aje aje       | 0.111               | 108.01 | ug/ft²        |        | 350      | ug/ft² |          |        |  |
| 0722953              | 20070104TWR3 06         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722954              | 20070104TWR3 07         | Flame         | Wipe        | 拉拉拉拉              | 0.111               | 108.01 | ug/ft²        |        | 230      | ug/ft² |          |        |  |
| 0722955              | 20070104TWR3 08         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |        | 5400     | ug/ft² |          |        |  |
| 0722956              | 20070104TWR3 09         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722957              | 20070104TWR3 10         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |        | 3500     | ug/ft² |          |        |  |
| 0722958              | 20070104TWR3 11         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722959              | 20070104TWR3 12         | Flame         | Wipe        | 非非安安              | 0.111               | 108.01 | ug/ft²        |        | 5400     | ug/ft² |          |        |  |
| 0722960              | 20070104TWR3 13         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |        | 370      | ug/ft² |          |        |  |
| 0722961              | 20070104TWR3 14         | Flame         | Wipe        | 米米米米              | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722962              | 20070104TWR3 15         | Flame         | Wipe        | <b>张楸楸</b> 敬      | 0.111               | 108.01 | ug/ft²        | <      | 110      | ug/ft² |          |        |  |
| 0722963              | 20070104TWR3 16         | Flame         | Wipe Blank  | 彩彩彩彩              | N/A                 | 12.00  | ug            | . <    | 12       | ug     |          |        |  |
| 0722964              | 20070104TWR3 17         | Flame         | Wipe Blank  | 彩彩歌咏              | N/A                 | 12.00  | ug            | <      | 12       | ug     |          |        |  |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.



#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Townson (Ruhl) Clear #3

Chain Of Custody:

159351

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

P.O. Number:

Townson (Ruhl) Armory

Date Submitted:

1/5/2007

1/5/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

Not Provided Not Provided

Person Submitting: Date Analyzed:

associated with these samples.

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

05-Jan-07

AMA Sample Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments Number Number (L) (ft²) Limit

Analysis Method for Flame; Air, Wipes, Paints, and Soil/Solids; EPA 600/R-93/200(M)-7420; Water, SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

N/A = Not Applicable

%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analys

Technical Manager:

See QC Summary for analytical results of quality control samples

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



Preparation Black

Duplicate Sample 1

Duplicate Sample 2 Matrix Spike Analysis

Report Limit Verification Sumple

Spiked Sample

Spike Duplicate

Laboratory Control Sample 1

Laboratory Control Sample 2

# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 14227

Analysis Type: Flame Sample Type: Wipe Analysis Date: 1/5/2007 RPD Comment Result Percent Recovery 0.022 Acceptable ppm 0.3333 ppm 100.0% Acceptable Expected Spike Level (ppm) 0.3333 #Num! mg/Kg #Num! #Error mg/Kg #Etror 84,53% Acceptable Acceptable

92.95%

94.57%

1.73%

#### Calibration Information

Correlation of Calibration Curve: 0.999699

All calibration verification samples are within acceptance limits.

Notes:

| Samples includ | led in this Sam | ple Delivery | r Grou | p (SDG) |
|----------------|-----------------|--------------|--------|---------|
|----------------|-----------------|--------------|--------|---------|

| Chain Of Custo | ody AN | IA Sample Number | Client Sample Number |
|----------------|--------|------------------|----------------------|
| 159351         |        | 22948            | 2007010417WR3 01     |
| 159351         |        | 22949            | 20070104TWR3 02      |
| SDG Number:    | 14227  |                  |                      |

275,352

268,246

Page L of 2

Acceptable

Acceptable

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| £5935£           | 22950             | 20070104TWR3 03      |
| 159351           | 22951             | 20070104TWR3 04      |
| 159351           | 22952             | 20070104TWR3 05      |
| 159351           | 22953             | 20070104TWR3 06      |
| 159351           | 22954             | 20070104TWR3 07      |
| 159351           | 22955             | 20070104TWR3 08      |
| 159351           | 22956             | 20070104TWR3 09      |
| 159351           | 22957             | 20070104TWR3 10      |
| 159351           | 22758             | 20070104T\YR3 11     |
| 159351           | 22959             | 20070104TWR 3 12     |
| 159351           | 22960             | 20070104TWR3 13      |
| 159351           | 22961             | 20070104TWR3 14      |
| 159351           | 22962             | 20070104TWR3 15      |
| 159351           | 22963             | 20070104TWR3 16      |
| 159351           | 22964             | 20070104TWR3 17      |
| 155849           | 22986             | 2238 [407 08         |
| 155849           | 22987             | 2238 1407 69         |
| 155849           | 22988             | 2238 1407 10         |
|                  |                   |                      |

SDG Number: 16227 Page 2 of 2

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson Ruhl Clear IV

Chain Of Custody:

159353

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SL

Job Location:

Towson Ruhl Armory

Date Submitted:

1/12/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

Not Provided

Person Submitting:

Attention:



Not Provided P.O. Number:

Date Analyzed: 1/12/2007

Report Date:

12-Jan-07

# Summary of Atomic Absorption Analysis for Lead

Page I of I

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | F | inal Res | ult    | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|----------|--------|----------|
| 0724250              | 20070111TWR4 01         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0724251              | 20070111TWR4 02         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0724252              | 20070111TWR4 03         | Flame         | Wipe        | ***               | 0.111 -             | 108.01 | ug/ft²         | < | . 110    | ug/ft² |          |
| 0724253              | 20070111TWR4 04         | Flame         | Wipe        | 和麻淋撒              | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/ft² |          |
| 0724254              | 20070111TWR4 05         | Flame         | Wipe        | 彩彩漆漆              | 0.111               | 108.01 | ug/ft²         |   | 2600     | ug/ft² |          |
| 0724255              | 20070111TWR4 06         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 340      | ug/ft² |          |
| 0724256              | 20070111TWR4 07         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 980      | ug/fl² |          |
| 0724257              | 20070111TWR4 08         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110      | ug/fl² |          |
| 0724258              | 20070111TWR4 09         | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug             | < | 12       | ug     |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

See QC Summary for analytical results of quality control samples associated with these samples.

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.





# QC Summary

Sample Delivery Group: 14255

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

1/12/2007

|                                   | Ro      | esult. | Percent<br>Recovery | CLAN   | Comment        |
|-----------------------------------|---------|--------|---------------------|--------|----------------|
| Prepuration Blank                 | -0.072  | ррм    |                     |        | Acceptable     |
| Report Limit Verification Sample  | 0.2388  | ppm    | 71.6%               |        | Outside Limits |
| Expected Spike Level (ppm) 0.3333 |         |        |                     |        | •              |
| Duplicate Sample 1                | #Nonel  | mg/Kg  | •                   |        |                |
| Duplicate Sample 2                | #Num!   | mg/Kg  |                     | #Error | #Ptror         |
| Metrix Spike Analysis             |         |        |                     |        | •              |
| Spiked Sample                     |         |        | 106.38%             |        | Acceptable     |
| Spike Duplicate                   |         |        |                     |        | Acceptable     |
| Laboratory Control Sample 1       | 278,913 | нв     | 91.90%              |        | Acceptable     |
| Laboratory Control Sample 2       | 280.435 | μв     | 92.05%              | 0.17%  | Acceptable     |

#### Calibration Information

Correlation of Calibration Curvo:

0.999143

Aft calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 71.6%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 1256 (89.2% recovery).

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custo | ody AM | iA Sample Number | Client Sample Number |
|----------------|--------|------------------|----------------------|
| 159353         |        | 24250            | 20070111TWR4-01      |
| 159253         |        | 24251            | 20070111TWR4 02      |
| SDG Number:    | 14255  |                  |                      |

Page Lof 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159353           | 24252             | 20070111TWR4 03      |
| 159353           | 24253             | 20070111TWR4-04      |
| 159353           | 24254             | 20070111TWR4-05      |
| 159353           | 24255             | 2007011111WR4 06     |
| 159353           | 24256             | 200701111WR4 07      |
| 159353           | 24257             | 200701111WR4 08      |
| 159353           | 24258             | 20070111YWR4 09      |
| 159354           | 24259             | 20070111WST\$ 01     |
| 159354           | 24260             | 20070111WST5-02      |
| 159354           | 24261             | 20070111WST5 03      |
| 159354           | 24262             | 20070111WST5 04      |
| 159354           | 24263             | 20070111WSUS 05      |
| 159354           | 24264             | 20070111WST5 06      |
| 159354           | 24265             | 20070111WST5 07      |
| 159354           | 24266             | 20070111WST5 08      |
| 159354           | 24267             | 20070111WST5 09      |

SDG Number: 14255

Page 2 of 2

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson (Ruhl) Clear VI

Chain Of Custody:

150773

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson (Ruhl) Armory

Date Submitted:

2/7/2007

State Military Reservation

Job Number:

Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

P.O. Number:

Not Provided

Date Analyzed:

associated with these samples.

2/7/2007

Report Date: 07-Feb-07

Attention:

### Summary of Atomic Absorption Analysis for Lead

Page 1 of I

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type        | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) | -      | orting<br>imit | F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | inal Res  | ult                 | Comments  |
|----------------------|-------------------------|----------------------|---------------------|-------------------|---------------------|--------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------|
| 0728961              | 20070206TWR601          | Flame                | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         | COLUMN TO THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PART | 1600      | ug/ft²              |           |
| 0728962              | 20070206TWR602          | Flame                | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 610       | ug/ft²              |           |
| 0728963              | 20070206TWR603          | Flame                | Wipe                | ****              | 0.111               | 10.801 | ug/ft²         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 400       | ug/ft²              |           |
| 0728964              | 20070206TWR604          | Flame                | Wipe Blank          | ****              | N/A                 | 12.00  | ug             | <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12        | ug                  |           |
| ialysis Method f     | or Flame: Air, Wipes, F | Paints, and Soil/Soi | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r: SM-3111B         | See QC | Summary fo     | or analytica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | al result | s of quality contro | I samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

mg/Kg = parts per million (ppm) by weight <math>mg/K = parts per million (ppm)

%Pb = percent lead by weight

N/A = Not Applicable

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results



Technical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (#1019EST, &/All-ABIGEICOPEXP (#10920) Accredited Laboratorfold Requested Record #J-15-0085 (MD) Posted to NGB FOIA Reading Room 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-26Released by National Guard Bureau May, 2018





# QC Summary

Sample Delivery Group: 14355

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

2/7/2007

Result

Percent Recovery Coannient

Preparation Blank

Acceptable

Report Limit Verification Sample

-0.023րբու 0.2994

ppm

\$9.8%

Acceptable

Expected Spike Level (ppm)

0.3333

Duplicate Sample 1

#Num!

ար⁄K չ ա**ც/**Қ<u></u>ც

#Error

RPD

#Error

Duplicate Sample 2 Matrix Spike Analysis

Spiked Sample Spike Duplicate

87,30%

Acceptable.

Acceptable

Laboratory Control Sample I

284 487

4Numl

92.51%

Acceptable

Laboratory Control Sample 2

252 319 μB 91.30%

1.32%

Acceptable

# Calibration Information

Correlation of Calibration Curve:

0.999599

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

162166

28950

03412607 WOL

162166

28951

03412607 W02

SDG Number:

14355

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |  |  |  |  |
|------------------|-------------------|----------------------|--|--|--|--|
| 162166           | 28952             | 03412607 W03         |  |  |  |  |
| 162166           | 28953             | 03412607 W04         |  |  |  |  |
| 162166           | 28954             | 03412607 W05         |  |  |  |  |
| 162166           | 28955             | 03412607 W06         |  |  |  |  |
| 162166           | 28956             | 03412607 W07         |  |  |  |  |
| 162166           | 28957             | 03412607 W08         |  |  |  |  |
| 162166           | 28958             | 03412607 W09         |  |  |  |  |
| 167166           | 28959             | 03412607 W10         |  |  |  |  |
| 150773           | 28961             | 20070206TWR601       |  |  |  |  |
| 150773           | 28962             | 2007020GTWR602       |  |  |  |  |
| 150773           | 28963             | 20070306TWR603       |  |  |  |  |
| 150773           | 28961             | 20070206TWR604       |  |  |  |  |
|                  |                   |                      |  |  |  |  |

SDG Number: 14355

Page 2 of 2

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson Ruhl Clear VII

Chain Of Custody:

159361

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Towson Ruhl Armory

Date Submitted:

2/16/2007

2/16/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

Attention:

# Summary of Atomic Absorption Analysis for Lead

Page 1 of I

16-Feb-07

| AMA Sample<br>Number | Client Sample<br>Number<br>20070215TWR701 | Analysis Type        | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | 1 | Final Res                                                                             | sait   | Comments |
|----------------------|-------------------------------------------|----------------------|-------------|-------------------|---------------------|--------|----------------|---|---------------------------------------------------------------------------------------|--------|----------|
| 0730844              |                                           | 20070215TWR701 Flame | Wipe        | Wipe ****         | 0.111               | 108.01 | ug/ft²         | < | 110                                                                                   | ug/ft² |          |
| 0730845              | 20070215TWR702                            | Flame                | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110                                                                                   | ug/ft² |          |
| 0730846              | 20070215TWR703                            | Flame                | Wipe        | He Ho Ho H        | 0.111               | 108.01 | ug/ft²         | < | - 110                                                                                 | ug/ft² |          |
| 0730847              | 20070215TWR704                            | Flame                | Wipe Blank  | 神神麻疹              | N/A                 | 12.00  | ug             | < | 12                                                                                    | ug     |          |
| •                    |                                           |                      |             |                   |                     |        |                |   | ee QC Summary for analytical results of quality controls sociated with these samples. |        |          |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analys

Technical Manager:



Report Date:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.





# QC Summary

Sample Delivery Group: 14391

Analysis Typo:

Flame

Sample Type:

Wipe

Analysis Date:

2/16/2007

|                                   | Ra      | şult           | Percent<br>Recovery | RPD     | Comment        |
|-----------------------------------|---------|----------------|---------------------|---------|----------------|
| Preparation Blunk                 | -0.091  | ppm            |                     |         | Acceptable     |
| Report Limit Verification Sample  | 0.2614  | րթտ            | 78.4%               |         | Outside Limits |
| Expected Spike Level (ppm) 0.3333 |         |                |                     |         |                |
| Duplicate Sample 1                | #Num²   | телКц          |                     |         |                |
| Duplicate Sumple 2                | 9Nmm!   | т <b>е∕</b> Кд |                     | (Higgor | #Error         |
| Mutrix Spike Analysis             |         |                |                     |         |                |
| Spiked Sample                     |         |                | 85.30%              |         | Acceptable     |
| Spike Duplicate                   |         |                |                     |         | Acceptable     |
| Laboratory Centrol Sample 1       | 290 404 | μв             | 104.43%             |         | Acceptable     |
| Laboratory Control Sample 2       | 305 255 | μg             | 100,71%             | 3 63%   | Acceptable     |

#### Calibration Information

Correlation of Calibration Curve:

0.999481

All calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 78.4%, below the lower control limit of 80%. A passing Report Limit Verification sample for wine samples for this analysis date can be found with SDG 14389 (86.3% recovery).

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custo | dy AMA Sample Number | Client Sample Number |
|----------------|----------------------|----------------------|
| 159361         | 30844                | 20070215TWR701       |
| 159361         | 30845                | 20070215TWR702       |
| SDG Number:    | 14391                |                      |

Page 1 of 2

# Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159361           | 30846             | 20070215TWR703       |
| 159361           | 30847             | 20070215TWR70)       |
| 133594           | 30866             | D-01                 |
| 133594           | 30867             | Ð-02                 |
| 130594           | 30868             | Ð:03                 |
| 133594           | 30869             | 12-04                |
| 133594           | 30870             | D-05                 |
| 133594           | 30871             | 13-06                |
| 133594           | 30872             | 13-07                |
| 133594           | 30873             | 10-08                |
| 133594           | 30874             | 13-09                |
| 133594           | 30875             | D-10                 |

SDG Number: 14391

Page 2 of 2

www.amalab.com

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

159361

# CHAIN OF CUSTODY

Mailing/Billing Information: Submittal Information: 1. Client Name: NGB Region North 14 1. Job Name: Towson Rate Clear VII 2. Address 1: 301-14 Old Bay Lang 2. Job Location: Towson (Rull) Armory 3. Job#: @ phone # 410 942 0273 \_\_\_\_\_ 4. Contact Person: Please include COC/field data sheets with results Reporting Information (Results will be provided as soon as technically feasible): Date & Time Results Required: \_\_\_/\_\_\_\_ @ \_\_\_\_\_ [Immd. \( \) [124hr \( \) 48hr \( \) 72hr \( \) 5 Day + \( \) Immd. After-Hours\* \( \) 24hr After-Hours\* \( \) Late-Night\* (\*must be pre-scheduled) □ Verbals: @ cell # □ Fax Copy: @ fax # □ Email Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ lost # : Copy: @ Asbestos Analysis TEM Bulk Lead Analysis PCM Air - Please Indicate Filter Type: ☐ ELAP 198.4/Chatfield (QTY) Paint Chip (QTY)

Dust Wipe (wipe type & Lost ) 4 (QTY) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm ☐ NY State PLM/TEM\_\_\_\_(QTY) ☐ NIOSH 7400\_\_\_\_\_(QTY) Residual Ash\_\_\_\_(QTY) ☐ Air\_\_\_\_(QTY) ☐ Fiberglass (QTY)

<u>TEM Air</u> – Please Indicate Filter Type: TEM Dust ☐ Soil/Solid (OTY) Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) ☐ TCLP\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm Quan. (s/area) Vacuum D5755-95 (QTY) ☐ Drinking Water \_\_\_\_\_(QTY) ☐ AHERA\_\_\_\_(QTY) ☐ Ouan. (s/area)Dust D6480-99\_\_\_\_(OTY) ☐ Waste Water\_\_\_\_(QTY) ☐ NIOSH 7402 \_\_\_\_\_(QTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) TEM Water (OTY) ☐ Other (specify\_\_\_\_\_)\_\_\_ \_(QTY) Qual. (pres/abs) (QTY) PLM Bulk ☐ ELAP 198.2/EPA 100.2 (QTY) Mold - Direct Microscopic Analysis ☐ EPA 600 – Visual Estimate\_\_\_\_(QTY) ☐ EPA 100.1\_\_\_\_\_(OTY) ☐ Spore-Trap (QTY) ☐ Bulk (QTY) ☐ EPA Point Count \_\_\_\_\_(QTY) □ NY State Friable 198.1 (QTY)
□ Grav. Reduction ELAP 198.6 (QTY)
□ Other (specify ) (QTY) ☐ Surface Swab \_\_\_\_\_ (QTY)☐ Surface Vacuum Dust \_\_\_\_\_ (QTY) ☐ All samples received in good condition unless otherwise noted. ☐ Surface Tape\_\_\_\_\_(OTY) ☐ Other (Specify\_\_\_\_)\_\_\_(OTY) (TEM Water samples \_\_\_\_\_°C) SAMPLE INFORMATION CLIENT CONTACT CLIENT ID SAMPLE LOCATION/ VOLUME WIPE NUMBER IDENTIFICATION (LITERS) (LABORATORY STAFF ONLY) 7 115 20070215TUR761 LJAUI ... Date/Time: Contact: By: المعالمة V الأعليا Blook 20076215 TURTOY Date/Time: Contact: By: Date/Time: Contact: By: LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/ \_\_\_ @ \_\_\_\_Via: \_\_\_\_\_ By (Print): \_\_\_\_\_\_ Sign: \_\_\_\_\_ 2. Date/Time Analyzed: \_\_\_\_ / \_\_\_ @ \_\_\_\_\_By (Print): \_\_\_\_\_ Sign: 3. Results Reported To:

Posted to NGB FOIA Reading Room

May, 2018

Sign:

Time:

FOIA Requested Record #J-15-0085 (ML)) Page 468 of 5269



#### BEST AVAILABLE COPY

## (Please Refer To This Number For Inquires)

150773

### **CHAIN OF CUSTODY**

| Mailing/Billing Inform                                        | ation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                                                |                    |                      |             | S              | ubmit                                 | tal In                                  | form          | ation:                  | 1               |               |              |               | _,                                          |                    |                                    |                                         |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------|--------------------|----------------------|-------------|----------------|---------------------------------------|-----------------------------------------|---------------|-------------------------|-----------------|---------------|--------------|---------------|---------------------------------------------|--------------------|------------------------------------|-----------------------------------------|
| 1. Client Name: NG                                            | <u> 3 Region Nord</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | da LI-               | <u> </u>                                       |                    |                      |             | _ 1            | . Job                                 | Nam                                     | e:            | و درون                  | un C            | Ruh           | 1) (         | 2100          | c V                                         | 1                  |                                    |                                         |
| <ol> <li>Address 1: 301-1</li> <li>Address 2: Have</li> </ol> | HOLD Bay Lan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ٧.                   |                                                |                    |                      |             | _ 2            |                                       |                                         |               |                         |                 |               |              |               |                                             |                    |                                    |                                         |
| 3. Address 2: House                                           | Retries MD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 210                  | 7 <u>8</u>                                     |                    |                      |             | _ 3            | . Job                                 | #:                                      |               | Mar                     | . D.            | 01001         | oivo         |               | P.O                                         | .#:                |                                    |                                         |
| 4. Address 3:                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             | _ 4            | . Cor                                 | itact I                                 | Person        |                         |                 |               | isive        |               |                                             | @ phone            | Responsive                         | 0273                                    |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             |                | . Sub                                 |                                         |               |                         |                 |               |              |               | S                                           | Signature:         | Responsive                         |                                         |
| ☐ Please include COC/f Date & Time Results Re ☐ Verbals:      | quired://                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | @                    |                                                | 🗆 Imi              | nd. 🗵                | [24hr       | <b>48</b>      | br 🔲                                  | 72hr                                    | □5 D          | av +                    | Imn             | d. Afi        | er-Ho        | urs*          | 724h                                        | r After-Hours* [   | ]Late-Night* (*mus                 | t be pre-schedule                       |
| Asbestos Analysis PCM Air – Please Indicate                   | Filter Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                | TEM Bul            | <u>k</u><br>LAP 19   | 0 410%      | م احتاجه       |                                       |                                         | (OT           | ***                     |                 |               | 1            | Lead A        | malysi                                      | is<br>on-i-        | (OTT)                              |                                         |
| PC MCE Porosity                                               | in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                |                    | JAP 19<br>Y State    | 18.4/CD     | iauteic<br>TEM | 1                                     |                                         | 19)<br>(TO)   | n<br>N                  |                 |               |              | <u> </u>      | Paint (<br>Dust V                           | Vine (wine type &  | (QTY)<br>  h => + ) 4              | (QTY)                                   |
| ■ NIOSH 7400                                                  | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                | T Ro               | Y State<br>esidual   | Ash_        |                |                                       | (QTY)                                   | _( <b>\</b>   | .,                      |                 |               |              |               | Air                                         | (QTY)              |                                    | (Q11)                                   |
| ☐ Fiberglass                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                | TEM Dus            |                      |             |                | -                                     |                                         |               |                         |                 |               |              | <u> </u>      | Soil/S                                      | olid               | (QTY)                              |                                         |
| PC MCE Porosity                                               | in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                | LI Q               | ual. (pr<br>uan. (s/ | es/abs)     | Vacuu          | ım/Dus<br>- D575                      | st<br>5_05                              |               | (Q                      | TY)<br>(OTV     | `             |              |               |                                             | ng Water(QT        |                                    |                                         |
| ☐ AHERA                                                       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                                                |                    | uan. (s/             | area)D      | ust D6         | 5480-99                               | )                                       |               | (O'                     | ry)             | ,             |              |               |                                             | Water              |                                    |                                         |
| ☐ NIOSH 7402<br>☐ Other (specify                              | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (QTY)                |                                                | TEM Wat            | ter                  |             |                |                                       |                                         |               | `~                      | ,               |               |              |               | Dust V                                      | Vipe Furnace (wipe | type)                              | (Q1                                     |
| PLM Bulk                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                | □ Q <sub>1</sub>   | ual. (pr             | es/abs)     |                |                                       | (QT                                     | Y) (2         | 700 A                   |                 |               |              |               | ъ.                                          |                    |                                    |                                         |
| ☐ EPA 600 – Visual E                                          | stimate(Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TY)                  |                                                |                    | LAP 19<br>PA 100.    | 8.2/EP<br>1 | A 100.         | .2<br>(O)                             | TY)                                     | (Q            | (IX)                    |                 |               | P            | viola -       | Direc<br>Spore                              | t Microscopic Anal | lysis<br>)                         | OTY                                     |
| ☐ EPA Point Count<br>☐ NY State Friable                       | (QTY)<br>(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                                                |                    |                      |             |                |                                       |                                         |               |                         |                 |               |              | ă             | Surfac                                      | e Swab(Q)          | TY) Surface Vacuum                 | m Dust(Q                                |
| Grav. Reduction EL                                            | AP 198.1(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | QTY)                 |                                                |                    | ll samp.<br>I Water  |             |                |                                       |                                         | tion ur       | dess of                 | herwis          | e noteo       | -            |               | Surfac                                      | e Tape(QT          | Y) ☐ Other (Specify_               | (Q                                      |
| Other (specify                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY)                |                                                |                    |                      |             |                |                                       |                                         |               |                         |                 |               |              |               |                                             |                    |                                    |                                         |
| CLIENT ID<br>NUMBER                                           | SAMPLE INFORMAT<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      | VOLUME<br>(LITERS)                             | WIPE<br>AREA       | HAM JEW              | / 🐉         | NALX           | SIS 2                                 | /orp                                    | / <u>\$</u>   | / \$2 kg                | /               | AATK<br>  §§§ | X<br>        | / ## / A      | SWAB                                        | / " "              | CLIENT CONTAC<br>BORATORY STAFF    |                                         |
| 2007020GTWRG01                                                | escale lune conservacional del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco del marco | 2/6                  |                                                | 40,40              |                      |             |                | 泫                                     |                                         |               |                         | 洨               |               |              |               |                                             | Date/Time:         | Contact:                           | Bv:                                     |
| ٥2                                                            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                    |                                                | 1                  |                      |             |                | 1                                     |                                         |               |                         |                 |               |              |               | WHEEL 200.00                                | Dato Time.         | Contact.                           |                                         |
| 03                                                            | A 1 A GAS A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A CO |                      |                                                | Ŵ.                 |                      |             | Descare.       | li.                                   | V. W.                                   |               |                         |                 |               |              |               |                                             |                    |                                    |                                         |
| 20076266TWR664                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V                    |                                                | NA                 |                      |             |                | V                                     | 100000000000000000000000000000000000000 | 2 *********** | i disembin              | W               | 7             |              |               |                                             |                    |                                    | · · · · · · · · · · · · · · · · · · · · |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             | 12237512       |                                       |                                         |               |                         |                 |               |              |               | elones<br>Segundo                           | Date/Time:         | Contact:                           | Ву:                                     |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i ili casavana na ma | assistantisississi                             | a navatenova o o o | 602743505            | 200000000   | one stant      | 8000000000000000000000000000000000000 | 1150 CO (1150 CO)                       | a acerteacen  | is beedstander          | u enwansas      | 17.13702820   | X61453192056 | BAR 3 8 8 8 7 | 17725 S S S S S S S S S S S S S S S S S S S |                    |                                    |                                         |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    | \$200 FEB.           |             | Section 200    | 1,000                                 |                                         |               | 261400 100<br>14000 100 |                 |               |              |               |                                             |                    |                                    | <u></u>                                 |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             |                |                                       | 1500.00                                 | 1000          |                         |                 |               |              |               |                                             | Date/Time:         | Contact:                           | By:                                     |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             |                |                                       |                                         |               |                         |                 |               |              |               |                                             |                    | - Oddino.                          |                                         |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             |                |                                       |                                         |               |                         |                 |               |              |               |                                             |                    |                                    |                                         |
|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ::                   | Versieni                                       |                    |                      |             |                |                                       |                                         |               |                         | <br>  Y/8/8/5   | l<br>Harita   | 70000        |               | 16:07                                       |                    |                                    |                                         |
| LABORATORY STA                                                | FF ONLY: (CUSTOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Y                    |                                                |                    |                      |             |                |                                       |                                         |               |                         |                 |               |              | L             | 1                                           |                    |                                    |                                         |
| 1. Date/Tim                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | /_                   | ,                                              | Ø7                 | √ia:                 |             |                | E                                     | y (Pri                                  | ot):          |                         |                 |               |              |               |                                             | Sign:              |                                    |                                         |
| 2. Date/Tim                                                   | e Analyzed:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      | /                                              |                    | Bv /                 | Print):     |                |                                       |                                         |               |                         |                 |               | Sign         |               |                                             |                    |                                    |                                         |
| 그가 되는 그의 유럽하다 하다가 되었다. 생생은                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                                                |                    |                      |             | Via:           |                                       |                                         | Dog           |                         | ,               |               | 7            |               | Ti                                          | 20.0               |                                    |                                         |
| Posted to NGB<br>May 2000 men                                 | eported To:<br>FOIA Reading Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                                                |                    |                      | В           | EST-           | <del>\VAIL</del>                      | ABLE                                    | COP           |                         |                 |               |              |               | 11                                          | POIA Requested     | Record #J-15-008                   | <del>li(Mi</del> b)                     |
| way: 2046 men                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | . * 1 . 7            | - 12 - 12 <b>- 12 - 12 - 12 - 12 - 12 - 12</b> |                    |                      | Service -   | overen.        | es estado                             | 1-15-93                                 | r School Co   | 1100000000              | Secret Response | Contract.     | Wayro Citic. | Asertos       | tunden er                                   | Keleased I         | by National Guard B<br>Page 469 of |                                         |

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

#### BEST AVAILABLE COPY CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

159358

Mailing/Billing Information: **Submittal Information:** 1. Client Name: NGB Region North 14 1. Job Name: Cade V Ruhl V Westminster VI 2. Address 1: 301-14 Old Bay Lane 2. Job Location: Call Armony Towson (Ruhi) Armony Westminster Armony 3. Address 2: Have Le Grace MD 21078 3. Job #: \_\_\_\_ 4. Contact Person Signature: Submitted by: Delease include COC/field data sheets with results

Reporting Information (Results will be provided as soon as technically feasible): Date & Time Results Required: \_\_\_\_/\_\_\_\_@ \_\_\_\_\_ □ Immd. ∑24hr □72hr □5 Day + □ Immd. After-Hours\* □24hr After-Hours\* □Late-Night\* (\*must be pre-scheduled) □ Verbals: @ cell # □ Fax Copy: @ fax # □ Email Copy: @ Asbestos Analysis TEM Bulk Lead Analysis PCM Air - Please Indicate Filter Type: ☐ ELAP 198.4/Chatfield (OTY) PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm ☐ NY State PLM/TEM\_\_\_\_(QTY) ☐ NIOSH 7400 (QTY) Residual Ash (OTY) ☐ Air\_\_\_\_\_(QTY) ☐ Fiberglass \_\_\_\_(QTY) TEM Dust ☐ Soil/Solid\_\_\_\_\_(QTY) TEM Air - Please Indicate Filter Type: ☐ Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_\_(QTY)
☐ Quan. (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) ☐ TCLP\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_\_ in a 25mm 37mm ☐ Drinking Water (QTY) □ AHERA\_\_\_\_(QTY) ☐ Quan. (s/area)Dust D6480-99\_\_\_\_(OTY) ☐ Waste Water\_\_\_\_(QTY) ☐ NIOSH 7402 \_\_\_\_\_(OTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) TEM Water (QTY) Other (specify\_\_\_\_\_)\_\_\_\_ \_\_\_(OTY) Qual. (pres/abs) (QTY) PLM Bulk ☐ ELAP 198.2/EPA 100.2\_\_\_\_\_(OTY) Mold - Direct Microscopic Analysis ☐ EPA 600 – Visual Estimate\_\_\_\_\_ ☐ EPA 100.1 (OTY) ☐ Spore-Trap (QTY) ☐ Bulk (QTY) ☐ EPA Point Count \_\_\_\_\_(QTY) □ NY State Friable 198.1 (QTY)
□ Grav. Reduction ELAP 198.6 (QTY)
□ Other (specify (QTY) ☐ Surface Swab \_\_\_\_\_ (QTY) ☐ Surface Vacuum Dust \_\_\_\_\_ (QTY) All samples received in good condition unless otherwise noted. ☐ Surface Tape\_\_\_\_\_(QTY) ☐ Other (Specify\_\_\_\_)\_\_\_(QTY) (TEM Water samples \_\_\_\_\_°C) SAMPLE INFORMATION CLIENT CONTACT CLIENT ID SAMPLE LOCATION/ VOLUME WIPE NUMBER IDENTIFICATION AREA (LABORATORY STAFF ONLY) (LITERS) Date/Time: Contact: Bv: Floor Floor Contact: Date/Time: Bv: OZ DOOR Date/Time: Contact: By: T140 02 Wall. Tree 03 Wall Trap 20070123TWR 504 BLANK LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/\_\_\_\_@\_\_\_\_\_Via:\_\_\_\_\_\_\_By (Print): \_\_\_\_\_\_\_\_\_\_Sign: \_\_\_\_\_\_\_ 3. Results Reported To:

Posted to NGB FOIA Reading Room

May; 2018 POIA Reading Room

BEST AVAILABLE COPY

Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Page 470 of 5269



#### BEST AVAILABLE COPY

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) 159351

| Mailing/Billing Inform       | ation:                             |               |              |                                                  |                    |                    | S              |                                       |          | ıform:      |                |             |                                        | _             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|------------------------------|------------------------------------|---------------|--------------|--------------------------------------------------|--------------------|--------------------|----------------|---------------------------------------|----------|-------------|----------------|-------------|----------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|-----------------------------------------|----------------|
| 1. Client Name: NC           | -13 Region X                       | 75.0c         | 114          |                                                  |                    |                    | _ 1.           |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cle                                   | 45 #3                     |                                         |                |
| 2. Address 1: 30i -          | H O'N Bay                          | Lane          |              |                                                  |                    |                    | . 2.           | . Job                                 | Loca     | tion:_      | To             | وحكوما      | <u>, U</u>                             | <u>Zuh</u>    | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 412                                   | wry                       |                                         |                |
| 3. Address 2: Haure          | de Grace                           | MD 2          | 1078         | ,                                                |                    |                    | _ 3.           | . Job                                 | #:       |             | ····           |             |                                        |               | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | - P.O                                 | #:                        |                                         |                |
| 4. Address 3:                |                                    |               |              |                                                  |                    |                    | _ 4.           | . Coi                                 | ntact F  | Person      | : NC           | on-R        | esp                                    | ons           | IVe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ······                                | @ phone a                 | # 410 942                               | 0273           |
| 5. Phone #: 410 4            | 142 0273                           | Fax #         | : 411        | 942                                              | 025                | 4                  | . 5.           | . Sub                                 | mitte    | d by:_      |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8                                     | Signature: Non            | -Responsive                             |                |
| □Please include COC/fi       | eld data sheets with re            | sults         | Repor        | ting Infor                                       | matio              | a (Res             | ults v         | vill be                               | prov     | ided £      | IS SOU         | n as t      | echmi                                  | ally f        | easibl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | e):                                   |                           |                                         |                |
| Date & Time Results Re-      | omired: /                          | / @           |              | Tim                                              | nd 🖂               | 24hr               | T481           | πП                                    | 72hr [   | 15 D        | av + 1         | Time        | nd Af                                  | er-Ho         | 1125* [                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 724h                                  | After-Hours* [7]          | ate-Night* (*must be                    | pre-scheduled) |
| □ Verbals:                   | @ cell #                           |               |              | Fax Cop                                          | y:                 |                    |                |                                       | . @ fa   | x#          | 1,41,11        |             |                                        |               | _ 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Emai                                  | Copy:                     | @                                       |                |
| Asbestos Analysis            |                                    |               |              | TEM Bul                                          |                    |                    |                |                                       |          |             |                |             |                                        |               | Lead A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | nalvsi                                | is                        |                                         |                |
| PCM Air - Please Indicate I  |                                    |               |              |                                                  | LAP 19             | 8.4/Ch             | atfield        |                                       |          | (QT         | Y)             |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Paint (                               | Chip(0                    | (TY)<br>(5+ ) 17                        |                |
| PC MCE Porosity              |                                    |               |              | ΩÑ                                               | Y State            | PLM/               | TEM_           |                                       |          | _(QTY       | )              |             |                                        |               | ( <b>3</b> 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Dust V                                | Vipe (wipe type <u>Gb</u> | <del>-05+</del> ) 17                    | (QTY)          |
| ☐ NIOSH 7400<br>☐ Fiberglass | (OTY)                              |               |              | TEM_Dus                                          | esidual            | Ash                |                |                                       | (QTY)    | )           |                |             |                                        |               | <b>_</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AU                                    | (Q;Y)                     |                                         |                |
| TEM Air - Please Indicate I  | Filter Type:                       |               |              |                                                  | u<br>nal. (pr      | es/abs)            | Vacuu          | ım/Dırs                               | at .     |             | (0             | TY          |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LCI D                                 | olid(QTY                  | (XX)                                    |                |
| PC MCE Porosity              | in a 25mm 37mm                     |               |              |                                                  | uan. (s/           | area) V            | acuum          | D575                                  | 5-95_    |             |                | (OTY        | )                                      |               | <u>ā</u> ;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drinki                                | ng Water                  | ,<br>(OTY)                              |                |
| ☐ AHERA<br>☐ NIOSH 7402      | (QIY)                              |               |              | ŪQı                                              | aan. (s/           | area)D             | ust D6         | 480-99                                | )        |             | (Q             | TY)         | -                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Waste                                 | Water                     | (QTY)                                   |                |
| Other (specify               |                                    | _(QTY)        |              | TEM Wat                                          | er                 |                    |                |                                       |          | <b></b>     |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Dust V                                | Vipe Furnace (wipe ty     | pe)                                     | (QTY)          |
| PLM Bulk                     |                                    |               |              |                                                  | ual. (pr<br>LAP 19 | es/abs)<br>e 2/eto | A 100 ·        | 2                                     | (QT      | Σ)<br>'(?   | rv)            |             |                                        |               | a a la                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D:                                    | . N.C                     | .•.                                     |                |
| EPA 600 - Visual Es          | stimate(QTY)                       | (TY)          |              |                                                  | A 100.             | 0.27 E.F.<br>1     | A 100.         | ـــــــــــــــــــــــــــــــــــــ | TY)      | (Q          | 11)            |             |                                        | D             | • 10101.<br>∷ 🗀                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Spore-                                | t Microscopic Analys      | sis<br>Bulk(QT)                         | v .            |
| NY State Friable 19          | 8.1(QTY)                           | 1             |              |                                                  |                    |                    |                |                                       |          |             |                |             |                                        |               | ū.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surfac                                | e Swab(QT)                | O Surface Vacuum D                      | ust(QTY)       |
| Grav. Reduction EL.          | AP 198.6                           | (QTY)         |              | (TEN                                             | ı samp<br>A Wate:  | ies reco           | ived u         | മാരവ<br>വ                             | condit   | uon un      | less of        | therwis     | e noteo                                | ·-            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surfac                                | e Tape(QTY                | Other (Specify                          | )(QTY          |
| Other (specify               | )                                  | _(QTY)        |              | (1127                                            | TTIALC             |                    |                |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
| CLIENT ID                    | SAMPLE INFORMAT<br>SAMPLE LOCATION |               | VOLUME       | WIPE                                             | / =                | / AI               | NALXS          | SIS                                   | 13       | 1           | 1 3            | 1 8         | AATR<br>∫ E . d                        | IX<br>87 884. | 1 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 9                                   | , (                       | CLIENT CONTACT                          |                |
| NUMBER                       | IDENTIFICATION                     |               | (LITERS)     | AREA                                             |                    | \ <u>\S</u>        | / <del>2</del> | <u> </u>                              | \$       | / ×         | \ \frac{8}{22} | / ng        | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 1 BE          | <u>  \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsilon\) \(\varepsil</u> | SWAB                                  | (LAB                      | ORATORY STAFF ON                        | LY)            |
| 20070164TWR3                 | Floor, Cage                        | ાન            |              | 4"×4"                                            |                    |                    |                | X                                     |          |             | \ <u>\</u>     | $\times$    | <u> </u>                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | :                                     | Date/Time:                | Contact:                                | By:            |
| 15                           | Floor, Case                        | $\perp \perp$ |              | V                                                | <u> </u>           |                    |                |                                       |          | <u> </u>    |                | $\coprod$   |                                        | <u> </u>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | <u></u>                   |                                         |                |
| 16                           | BLANK                              |               |              | NIA                                              |                    |                    |                |                                       |          |             |                | 1.17        |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
| 20070104TWR3 17              |                                    | IV            |              | NA                                               |                    |                    |                | V                                     |          |             |                | TV          |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              |                                    |               |              |                                                  |                    |                    |                |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | Date/Time:                | Contact:                                | By:            |
|                              |                                    |               |              |                                                  |                    |                    |                |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              |                                    |               | 1000         |                                                  |                    |                    |                | - 1.40 °                              |          |             |                |             | -77.0                                  |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              |                                    |               |              |                                                  | Ī                  |                    |                |                                       |          | 1           |                |             | 1                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              |                                    |               | F 19, 400    |                                                  | ļ                  |                    |                |                                       |          | 1000        |                | 1           |                                        |               | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       | Date/Time:                | C                                       |                |
|                              |                                    | 1             | <del></del>  | <del>                                     </del> | <del> </del>       |                    |                |                                       |          | <b></b>     |                |             | -                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | Date/Time:                | Contact:                                | By:            |
|                              |                                    | +             | <del> </del> |                                                  |                    | g 5-00             | 2 : :          |                                       | 7. 4.7   |             |                |             | -                                      | -             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              |                                    |               |              |                                                  |                    |                    |                | -                                     |          |             |                | -           |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | · · · · · · · · · · · · · · · · · · · |                           |                                         | *              |
|                              |                                    |               | 4            |                                                  | ļ                  |                    |                |                                       | - 1. TES |             | L 10. 7        | -           | ļ                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
|                              | ·                                  |               | 1            | In the same                                      |                    |                    |                | <u> </u>                              |          | <u> </u>    | L              |             |                                        | <u> </u>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | <u> </u>                  |                                         |                |
| LABORATORY STA               |                                    | <b>)Y</b> )   |              |                                                  |                    |                    |                |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |                           |                                         |                |
| 1. Date/Tim                  | e RCVD:/                           |               |              |                                                  | /ia:               |                    |                | B                                     | y (Prin  | at):        |                | <del></del> |                                        | ····          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ·                                     | Sign:                     |                                         | ·              |
| 2. Date/Tim                  | e Analyzed:/                       | <u> </u>      | /            | _ @                                              | _Ву                | Print):            |                |                                       |          | r<br>Orașii |                |             | الرين.                                 | Sign          | ·<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ·                                     |                           |                                         |                |
| 3. Results R                 | eported To:                        |               |              |                                                  |                    |                    | Via: 👡         | 7817                                  |          | Date<br>OPY | :              | /           | ·<br>                                  | /_            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _ Tir                                 | ne:                       | Initials                                | S:             |
| Posted to NGB I              | OIA Reading Room                   |               |              |                                                  |                    | RF                 | SI A\          | /AILA                                 | BLE C    | OPY         |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | -OIA Requested Re         | Initials<br>ecord #J-15-0085 (MD        |                |
| IVIAY, 2016                  |                                    |               |              |                                                  |                    |                    |                |                                       |          |             |                |             |                                        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       | Released by               | National Guard Burea<br>Page 471 of 526 |                |



#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

159351

## **CHAIN OF CUSTODY**

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ation:                                                                               |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             | S                                  |                            |                       | nform               |              |                |               |                                         |                 |                                             |                                               |                                    |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|---------------------------------------------|------------------------------------|----------------------------|-----------------------|---------------------|--------------|----------------|---------------|-----------------------------------------|-----------------|---------------------------------------------|-----------------------------------------------|------------------------------------|-----------------|
| 1. Client Name: NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ro Region X                                                                          | 10 c 40           | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                                             |                                             |                                    |                            |                       |                     |              |                |               |                                         |                 |                                             | 61 #3                                         |                                    |                 |
| 2. Address 1: 301 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IH OIX BAY                                                                           | Lan               | e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                                             |                                             | _ 2.                               | Job                        | Loca                  | ation:_             | To           | <u>ام کرنم</u> | <u> </u>      | 2uh                                     | 1)              | م کیگر                                      | 101 V                                         |                                    |                 |
| 3. Address 2: Have:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             | . 3.                               | Job                        | # <del>.</del> _      |                     |              |                |               |                                         |                 | PO                                          | . #                                           |                                    |                 |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             | 4.                                 | . Co                       | ntact                 | Person              | r No         | n-F            | Resp          | onsi                                    | ive             |                                             | @ phone                                       | # 4\0 947 (<br>n-Responsive        | 0273            |
| 5. Phone #: 410 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 142 0273                                                                             | Fax               | #: 4/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 442                                     | 025                                                         | <u>-</u> f                                  | _ 5.                               | . Sut                      | omitte                | ed by:_             |              |                |               |                                         |                 | 5                                           | Signature: Nor                                | n-Responsive                       |                 |
| ☐ Please include COC/f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ield data sheets with re                                                             | sults             | Repor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ting Infor                                | matior                                                      | ı (Res                                      | ults v                             | vill be                    | pro                   | vided :             | าร รถกา      | n ac i         | echnic        | ally f                                  | eacibl          | 0 10                                        |                                               |                                    |                 |
| Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | equired://                                                                           |                   | @                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | [] Imi                                    | nd. 💢                                                       | 24hr                                        | □481                               | hr 🗆                       | 72hr                  | □5.D                | ay + [       | ]] Imr         | nd. Afi       | er-Ho                                   | ours* [         | <b>⊒24</b> h                                | r After-Hours* 🔲                              | Late-Night* (*must be              | pre-scheduled)  |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | @ cell #                                                                             |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ☐ Fax Cop                                 | у:                                                          |                                             |                                    |                            | _ @ f                 | ax #                | Wall Of      |                |               |                                         |                 | Emai                                        | l Copy:                                       |                                    |                 |
| PCM Air - Please Indicate PC MCE Porosity NIOSH 7400 Fiberglass TEM Air - Please Indicate PC MCE Porosity AHERA NIOSH 7402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | in a 25mm 37mm<br>(QTY)<br>(QTY)<br>Filter Type:<br>in a 25mm 37mm<br>(QTY)<br>(QTY) | (OTV)             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DEJ EJ EJ EJ EJ EJ EJ EJ EJ EJ EJ EJ EJ E | LAP 19 Y State esidual  I I I I I I I I I I I I I I I I I I | PLM/<br>Ash<br>es/abs)<br>area) V<br>area)D | Vacuu<br>Vacuu<br>vacuun<br>ust D6 | ım/Dus<br>1 D575<br>480-99 | (QTY<br>st<br>55-95 . | _(QT)               | (Q:          | (OT)           | 7)            | ,                                       | 000000          | Paint ( Dust V Air Soil/S TCLP Drinki Waste | Chip ( Wipe (wipe type (                      | QTY)<br>Y)<br>(QTY)<br>_(QTY)      |                 |
| PLM Bulk  EPA 600 - Visual Ex  EPA Point Count  NY State Friable 19  Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | stimate(QTY)<br>8.1(QTY)<br>AP 198.6(QTY)                                            | TY)<br>QTY)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | □ EI<br>□ EI<br>□ Al                      | AP 193<br>A 100.<br>I sampl                                 | 8.2/EP                                      | A 100.                             | 2 (Q<br>(Q<br>n good       | TY)                   | (Q                  |              | herwis         | se noted      |                                         | Mold -          | Direc<br>Spore-<br>Surfac                   | t Microscopic Analy<br>Trap(QTY)<br>e Swab(QT | ysis  Bulk(QT) Y) Surface Vacuum D | Y)<br>bust(QTY) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Resetting Results   Required:   /   @                                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    |                            |                       |                     |              |                |               |                                         |                 |                                             |                                               |                                    |                 |
| 20070104TWR3 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Floor                                                                                | 114               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4",4"                                     |                                                             |                                             |                                    | $\times$                   |                       |                     |              | $\mathbb{X}$   |               |                                         |                 |                                             |                                               |                                    |                 |
| 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Floor                                                                                | }                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                         |                                                             |                                             |                                    | 1                          |                       |                     |              |                |               |                                         |                 |                                             | Daw IIIdo.                                    | Contact                            |                 |
| 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flour                                                                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    |                            |                       |                     |              |                |               |                                         |                 |                                             |                                               |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                         |                                                             |                                             |                                    | }                          |                       | - 1 Agency (18,000) | 200000000    |                |               | Total Control                           | - 1700 mar 1670 | \$ 20000010000                              |                                               |                                    |                 |
| <i>მ</i> 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Wall L                                                                               |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    |                            | ativis ii             |                     |              |                |               |                                         |                 |                                             | Doto/Times                                    | C                                  | D               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    |                            |                       |                     | 1.200        |                |               | 100000000000000000000000000000000000000 | E               |                                             | Date/Time.                                    | Contact:                           | Бу:             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    |                            | i verialis            | 0 0000              |              |                | ARRESTA       |                                         |                 |                                             |                                               |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                   | and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t | 3                                         | ZV.Z.Z.                                                     |                                             |                                    |                            | V4000-20              | - 2010000           | respectives. | . e.c. (190    | 7 KE 85 EKE   | payswa.                                 | 10000000        | 4.59555                                     |                                               |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             |                                             |                                    | 0.0                        |                       |                     |              |                |               |                                         | N 10 8 60       |                                             | D                                             |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      | ASSOCIA (\$156.2) | Per Indonesia (1991)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Leowinson Village in                      | w.aut.0003                                                  | EE7549-339                                  | 5003403450                         | ansagenser<br>g            | Anthrijel             | n (425000)          | 00356969     | 3              | opotvetejšík. | 20205505                                | 150 WEIGH       | 2 - 30 - A C. S.F.                          | Date/Time:                                    | Contact:                           | By:             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | · · · · · · · · · · · · · · · · · · ·                                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             | ((40°25°)                                   | 3000 Na                            |                            |                       |                     | Spoil/stake  |                | VAR 60397     | Vience o                                |                 |                                             |                                               |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      | (maria (1914)     | 5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10000000000000000000000000000000000000    | :U:30;0000                                                  | 3060057740                                  | nageuro AN                         | jooco∦stiids<br>j          | Mario (6)             | X 3483424           |              |                |               | arnenie                                 |                 | 48991000                                    |                                               |                                    |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      | V                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - \\/                                     | 10.000                                                      | () (i.i.)                                   | awain.                             | - 1                        |                       | 1 2 (2 4 4)         | Garanas,     | Ni             | 0.00470       | 0727                                    | . A. A          |                                             |                                               |                                    |                 |
| property of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of th |                                                                                      | ******            | o <b>p</b> rocessors<br>Sessiones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>∀</b>                                  |                                                             |                                             |                                    | # 1                        | 1000 470<br>350 350   | randeri<br>Parkada  |              | ₩              | eleninis.     |                                         |                 |                                             | 2002-00-00-00-00-00-00-00-00-00-00-00-00      |                                    |                 |
| 1. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e RCVD:/                                                                             | x)/               | /(<br>//(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36.000000000000000000000000000000000000   |                                                             | Print):                                     |                                    | B                          | y (Pri                | nt);                |              |                |               | Sign                                    |                 |                                             | Sign:                                         |                                    |                 |
| 3. Results R<br>Posted to NGB<br>May, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | eported To:<br>FOIA Reading Room                                                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                                             | в\                                          | <sup>Zi</sup> a∷ A                 | VAIL                       | ABLE                  | <del>cD#</del> 9    |              | <u> </u>       |               |                                         |                 | _ Tii                                       | ne:<br>FOIA Requested F<br>Released by        | y National Guard Burea             | <del>au</del>   |

#### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

148418

Page 473 of 5269

| Mailing/Billing Information:          | - \                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            | - 1                                           |          |                                              |          | Sub         | mitt     | al Inf     | forma          | tion:          |         |                | 2 .                  | . 1         |               | _                         |                        |               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|-----------------------------------------------|----------|----------------------------------------------|----------|-------------|----------|------------|----------------|----------------|---------|----------------|----------------------|-------------|---------------|---------------------------|------------------------|---------------|
| 1. Client Name: National              | Grover                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -            | ****       | A R.                                          | XGS)     | <u>u                                    </u> |          | 1.          | Job M    | Name       | :i             | w              | 50      | <u> </u>       | (A)                  | 1 /1        | cm            | 2CY                       |                        |               |
| 2. Address 1: 301- H                  | 019 B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | بيح          | رعے        | <u>ب</u> 'و                                   |          |                                              |          | 2.          | Job I    | Locati     | ion:           |                |         |                |                      |             |               |                           |                        |               |
| 3. Address 2: Havre                   | A Contact Person   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature   Signature  |              |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      |             |               |                           |                        |               |
| 4. Address 3:                         | Contact Person   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some   Some  |              |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      |             |               |                           |                        |               |
| 5. Phone #: 410-94                    | 1-027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>3</b> Fax | #:         | 110-                                          | 943      | وصريا                                        | محط      | <b>f</b> 5. | Subn     | nitted     | 1 by:_         |                |         |                |                      |             |               | gnature:_                 |                        |               |
| ☐ Please include COC/field data s     | heets with res                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ults         | R          | eporting                                      | Inform   | nation                                       | (Resu    | lts wil     | l be p   | provi      | ded a          | s <b>soo</b> n | as t    | chnic          | ally fe              | asible      | :):           |                           | ,                      |               |
| Date & Time Results Required:         | 12/11/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20_          | <u>өчс</u> | <u>XU                                    </u> | □ lmr    | od. 🔀                                        | 4br [    | ]48hr       |          | Zhr [      | ]5 Da          | ıy + 🗀         | lmn     | d. Afte        | er-Hoi               | ırs* [      | ]24br         | After-Hours* [] I         | ate-Night* (*must be p | re-scheduled) |
| ☐ Verbals:                            | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |            | 🗅 Fa                                          | x Cop    | /:                                           |          |             |          | @ fa       | x#             |                |         |                |                      | a ;         | Email         | Copy:                     | @                      |               |
| Asbestos Analysis                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            | I                                             |          |                                              |          |             |          |            |                |                |         |                | I,                   |             | •             |                           | NOTE IS                |               |
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          | AP 198                                       | .4/Chat  | field       |          |            | _(QT)          | Y)             |         |                |                      |             | Paint C       | ing (vine type <b>G i</b> | 26                     | (OTV)         |
| □ NIOSH 7400 (C                       | TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |                                               | □ Re     | sidual A                                     | sh.      | 71AT        | 11       | OTY        | .(QII)         | ,              |         |                |                      | <u> </u>    | Air           | (OTY)                     |                        | .(Q11)        |
| ☐ Fiberglass(QT)                      | <i>(</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |            | T                                             |          |                                              |          |             |          | <b>V</b> , |                |                |         |                |                      | ā           | Soil/So       | lid(Q                     | TY)                    |               |
| TEM Air - Please Indicate Filter Type |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      | <u> </u>    | CLP_          | (QTY                      | )                      |               |
| DAMERA (OTY)                          | mana 3/mana                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |                                               |          |                                              |          |             |          |            |                |                |         | )              |                      | <u> </u>    | Drinkii       | ig Water                  | (QTY)                  |               |
| □ NIOSH 7402(C                        | TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |                                               |          |                                              | rea)Du   | st D648     | 80-99.   |            |                | _(QT           | Y)      |                |                      |             | Waste 1       | Water                     | (QTY)                  | (OTV)         |
| Other (specify)                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QTY)        | )          | A.J                                           | EW Wat   | er<br>el/mea                                 | (ahe)    |             |          | (OT        | ٧١             |                |         |                |                      |             | Just W        | the rurnace (wibe i)      | /pe//                  | (Q11)         |
| PLM Bulk                              | In Name National Goover Name Name National Goover Name Name Name Name Name Name Name Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      |             |               |                           |                        |               |
| EPA Boint Count                       | (QTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ( Y )        |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      | <b>a</b> :  | Spore-        | Trap(QTY)                 | □ Bulk (QTY)           | )             |
| ☐ NY State Friable                    | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |            |                                               |          | Leamole                                      |          | und in      | rood /   | condit     | ion unl        | acc oth        | amie    | a noted        | ר                    | <b>a</b> :  | Surface       | Swab(QT                   | ()☐ Surface Vacuum Dus | st(QTY)       |
| Grav. Reduction ELAP 198.1_           | (0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            |                                               |          |                                              |          |             |          |            | uon un         | ress our       | CI WIS  | c notcu        |                      | <b>u</b> .  | Surface       | Tape(QTY                  | Other (Specify         | )(QTY)        |
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | )          |                                               | ( / m    |                                              |          |             |          |            |                |                |         | 447701         |                      |             |               | ,                         | THE TENTE CONTEACT     |               |
| CLIENTID SAMPLE                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ON           | VO         | IIME V                                        | VIPE     | 1 =                                          | $AN_{i}$ | ALXOI       | و د      | 13         | 1 ~            | 13             | 15      | MAIKI<br>/ Ang | IA<br>₹/#\$          | 1 2         | 18            | ,                         | CLIENT CONTACT         |               |
| NUMBER IDENT                          | TFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DAT          | EAL        | TERS) A                                       | REA      |                                              | 8/       | <u> </u>    | 3        | 3.         | <del>/ ₹</del> | ( B)           | 3       | 1826           | \ \ <u>\tilde{8}</u> | / <u>z</u>  | <u> </u>      | (LAB                      | ORATORY STAFF ONL      | <u>Y)</u>     |
| TOW-120606-204                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21           |            | 4                                             | 4 44°    | ;                                            |          |             | X        |            | 1              |                | ×       | 1              |                      |             |               | Date/Time:                | Contact:               | Ву:           |
| Tan-12006-002                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1            | 1          |                                               | 1-       |                                              |          |             | $\perp$  |            | <b>├</b>       |                | 1       |                | ļ                    |             |               |                           |                        |               |
| TOW-120104-00B                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             | 1        |            | ļ              |                |         | -              |                      |             |               |                           |                        |               |
| TOW-120606-804                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             |          |            | <u> </u>       |                | $\perp$ |                |                      |             |               |                           |                        |               |
| TOW-12400-005                         | ::: ::                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |                                               | 1        |                                              |          |             | 1        |            |                |                |         |                | <u> </u>             |             | L             | Date/Time:                | Contact:               | By:           |
| TO-120606-006                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          | 1                                            |          |             |          |            |                |                |         | 1              |                      |             |               |                           |                        |               |
| TOW-120606-001                        | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              | 1          |                                               | 1        | <u>                                     </u> |          |             |          |            |                |                | 1       |                |                      |             |               |                           |                        |               |
| TOW-120106-008                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             |          |            | ļ              | ļ              | 1       |                |                      | <u> </u>    |               |                           |                        |               |
| T00-120676-009                        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |            | 1:                                            |          |                                              |          |             |          |            |                | <u> </u>       |         | <u> </u>       |                      | ļ           |               | Date/Time:                | Contact:               | By:           |
| 10w-120b-0600                         | ** LIO 940 - 0273 Fax ** LIO 950 S. Substituted by: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: By: Signature: Contact: Contact: By: Signature: Contact: Contact: Contact: By: Signature: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: Contact: |              |            |                                               |          |                                              |          |             |          |            |                |                |         |                |                      |             |               |                           |                        |               |
| 100-0060-011                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               | 1        |                                              |          |             |          |            | 1              |                |         | 1 .            |                      |             |               |                           |                        |               |
| TOW-12000012                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               | <u> </u> |                                              |          |             | $\perp$  |            | <u> </u>       |                |         |                |                      |             |               |                           |                        |               |
| 100-1200-01B                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | V            |            | ,                                             | V        |                                              |          |             | 4        |            |                |                | V       | . ]            |                      |             |               | <u> </u>                  |                        |               |
|                                       | Y: (CUSTOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10           |            |                                               | -        | A                                            |          |             | 4.4      |            |                | lon            |         | Res            | DO                   | ns          | IVE           | Non-                      | -Responsive            |               |
| 1. Date/Time RCVD                     | 12/_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u> </u>     |            |                                               |          |                                              |          | 0+          | ±B,      | y (Pri     | nt):           |                |         |                |                      |             |               | Sign:                     |                        |               |
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             |          | t          |                |                | _       |                | Sign                 | <del></del> |               |                           | Nor                    | n-Responsive  |
| 3. Results Reported ?                 | To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |                                               |          |                                              | V        | ia 🕡        | <u>~</u> | <u>,</u>   | _Date          | : 12           | ے۔      | <u>/_¥</u>     | /.                   | Ψ           | _ <b>T</b> ì: | me:                       | Initi                  |               |
| 4. Comments:                          | ling Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |                                               |          |                                              | BI       | SLA         | VAII     | ABLE       | - COP          | γ              |         |                |                      |             |               | EOIA Poquest              | od Docord #1 15 0005   | (MD)          |
| May. 2018                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |                                               |          |                                              |          |             |          |            | _ 001          | -              |         |                |                      | . ,         |               |                           |                        |               |



### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) 14841**8** 

| www.annanau.cem                                 |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      |        |          |            |              |                    |                                         |                      |                                         |
|-------------------------------------------------|------------------------------------|----------------|---------------------------------------|-----------------|------------------------|---------------------------------------|----------------|------------------|----------|----------------------|--------|----------|------------|--------------|--------------------|-----------------------------------------|----------------------|-----------------------------------------|
| Mailing/Billing Information Client Name:        | ation:                             | Rung           | an at J                               |                 |                        | \$                                    | ubmi           | ttal In          | iforma   | ti <u>on:</u><br>//y | r. \ S | ഹ        | Ro         | hl           | A                  | maru                                    | <u>w</u> 0 0.2       |                                         |
| I. Chent Name:                                  | MATERIAL PROPERTY                  | <u>ښون</u>     |                                       |                 |                        | ı                                     | . Job          | ) Trattis        | tion:    |                      |        | -        | 7.00       |              |                    | · · · · · · · ·                         |                      | *************************************** |
| 2. Address 1: 301 - 3. Address 2: Have          | - Do Borro                         | AA D           | 211                                   | 778             |                        | <u>~</u>                              | . Joi          | ) LOCA           |          |                      |        |          |            |              | D.O.               | 4                                       |                      |                                         |
| 3. Address 2: Paper                             | De Grace,                          | 701,5          |                                       |                 | ·····                  |                                       | . JUL          | ntact I          | Darvor   | lon-F                | Res    | ponsi    | ve         |              | _ P.O.             | #                                       | 440 0.2              | A2 73                                   |
| 4. Address 3:                                   | -GU2- A273                         | F 4            | LLIA                                  | -942            | -02                    | 54 3                                  |                | mace i<br>bmitte |          |                      |        |          |            |              | 6:                 | imature                                 | -Respon              | sive                                    |
| 5. Phone #:                                     | 741-0012                           | Fax #:         | Percer                                | ting Infor      | motion                 | (Deculte v                            | . Du           | omnae<br>• prov  | idod a   |                      |        | - Market | anny fe    | oeihle       | 53.<br>53-         | ighadire.                               |                      |                                         |
| Delease include COC/fit Date & Time Results Rec | eld data spects with res           | suns<br>@      | Kepor                                 | ing into:<br>∏m | md. X                  | 24hr □ 148                            | hr []          | 72hr             | TI5 Da   | 1v + []              | Imn    | d. Aft   | er-Ho      | urs* 「       | -,-<br>124hr       | After-Hours*                            | ate-Night* (*must be | e pre-scheduled)                        |
| U Verbals:                                      | @ cell # :                         |                |                                       | 3 Fay Cor       | NOT                    | , , , , , , , , , , , , , , , , , , , |                | @ f              | ax #     |                      | ,      |          |            |              | Email              | Conv:                                   | @                    |                                         |
| Asbestos Analysis                               |                                    |                |                                       | TEM Bu          |                        |                                       |                | _ ~              |          |                      |        |          |            | ead A        |                    |                                         |                      |                                         |
| PCM Air - Please Indicate f                     | Filter Type:                       |                |                                       |                 | LAP 198                | .4/Chatfield                          | J              |                  | (QT      | Y)                   |        |          | ~          |              |                    | at. so                                  | YTY)                 |                                         |
| PC MCE Porosity                                 | in a 25mm 37mm                     |                |                                       | □N              | Y State !              | PLM/TEM.                              |                |                  | _(QTY)   | )                    |        |          |            | _ <u>S</u> ≃ | Dust W             | /ipe (wipe type                         | 26                   | (QTY)                                   |
| □ NIOSH 7400<br>□ Fiberglass                    | (QTY)                              |                |                                       | UR<br>TEM Du    |                        | sh                                    |                | (QTY)            | )        |                      |        |          |            | <br>         | Air <u> </u>       | olid(QTY)                               | TY)                  |                                         |
| TEM Air - Please Indicate I                     | Filter Type:                       |                |                                       |                 | 25<br>ual. (pre        | s/abs) Vacu                           | um/Du          | ISI              |          | (QT                  | Y)     |          |            | ō.           | TÇLP.              | (QTY)                                   |                      |                                         |
| PC MCE Porosity                                 | in a 25mm 37mm                     |                |                                       | <b>⊡</b> 0      | uan. (s/a              | rea) Vacuur                           | n <b>D57</b> : | 55-95 _          |          | (                    | (QTY   | )        |            | <b>Q</b> 1   | Drinkir            | ng Water                                | (QTY)                |                                         |
| ☐ AHERA<br>☐ NIOSH 7402                         | (QTY)                              |                |                                       |                 |                        | rea)Dust Di                           | 5480-9         | 9                |          | (QT                  | Y)     |          |            |              | Waste '            | Water                                   | (QTY)<br>pe)         | (0777)                                  |
| Other (specify                                  | )                                  | (QTY)          |                                       | TEM Wo          | <u>ler</u><br>ual (ote | s/abs)                                |                | (01              | ry)      |                      |        |          |            | ш.           | Dust w             | ripe rumace (wipe ty                    | ре                   | (Q:1)                                   |
| PLM Bulk  D EPA 600 - Visual Es                 | ntimata (O                         | TY)            |                                       | Öè              | LAP 198                | .2/EPA 100                            | .2             |                  | (Q       | TY)                  |        |          | ľ          | Mold -       | Direct             | Microscopic Analys                      | ās                   |                                         |
| EPA Point Count                                 | (QTY)                              | 11)            |                                       | QE              | PA 100.1               |                                       | (C             | <b>(YTÇ</b>      |          |                      |        |          |            | Ω:           | Spore-             | Trap(QTY)                               | □ Belk(QT            | Y).                                     |
| ☐ EPA Point Count<br>☐ NY State Friable         | (QTY)                              |                |                                       | Ŭ <b>X</b> A    | ll sampl               | es received                           | in goo         | d condi          | ition un | less oth             | crwis  | e noted  | L.         |              | Surfaci<br>Surfaci | e Swao (QTY)                            | Other (Specify       |                                         |
| ☐ Other (specify                                |                                    | (QTY)<br>(QTY) |                                       | (ग्रह           | M Water                | samples                               | •              | (C)              |          |                      |        |          |            | _            | O (44, 144.C.)     | C Aug/c (Q )                            | = costs (opens)      |                                         |
|                                                 | SAMPLE INFORMAT                    |                |                                       |                 |                        | ANALY                                 | SIS _          | , 9              | ,        | , 24                 | , 2    | MATR     | XX         | , 20         | , aş               | ,                                       | LIENT CONTACT        |                                         |
| CLIENT ID<br>NUMBER                             | SAMPLE LOCATION/<br>IDENTIFICATION | DATE           | VOLUME<br>(LETERS)                    | WIPE AREA       | 18                     | ANALY<br>2 2 2                        | 1 3            | ' / डू           | / ₩      | / 🐉 ,                | / క్లో |          |            | 1 3          | / ₹                | / (LAB                                  | ORATORY STAFF ON     | (LY)                                    |
| TOW-DOWN-044                                    |                                    |                | 3                                     | 184"            |                        |                                       | ×              | 1                |          | -                    | ×      |          |            |              |                    | Date/Time:                              |                      | By:                                     |
| Tav-120100-015                                  |                                    |                |                                       | 1               |                        | *******                               |                |                  | 1        |                      | T      | ·        | 1          | 1            |                    |                                         |                      |                                         |
| TOW-120100-01                                   |                                    | 1.5            | 1.                                    |                 |                        |                                       |                | -                |          |                      | 1      |          |            |              |                    |                                         |                      |                                         |
| TOW-120606-017                                  |                                    |                |                                       | 11              |                        |                                       |                |                  |          |                      | 1      |          |            |              | İ                  |                                         |                      |                                         |
| TOW-120605-018                                  |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      |        |          |            |              | <u> </u>           | Date/Time:                              | Contact:             | By:                                     |
| 100-12000-019                                   |                                    |                |                                       |                 | 1                      |                                       |                |                  |          |                      | T      | 1        |            | 1            |                    |                                         |                      |                                         |
| 100-1206-00                                     |                                    |                | 1.                                    |                 |                        |                                       |                |                  |          |                      |        |          |            | 1            |                    |                                         |                      |                                         |
| Paw-120105-02                                   |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      | П      | T        |            | 1            |                    |                                         |                      |                                         |
| 1001200-022                                     |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      |        |          |            |              |                    | Date/Time:                              | Contact:             | By:                                     |
| 1020-120606-02:                                 |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      |        |          |            |              |                    |                                         |                      |                                         |
| 100-120606-BI                                   |                                    |                |                                       |                 |                        |                                       | TT             |                  |          |                      |        |          |            |              |                    |                                         |                      |                                         |
| DW-121606-132                                   |                                    |                |                                       | ,               | T .                    |                                       |                |                  |          |                      |        | 1        |            |              |                    |                                         |                      |                                         |
| Tw-12006-B3                                     |                                    | V              |                                       | 4               |                        |                                       | 1              | .]               | 7        |                      | Y      |          |            | <u> </u>     |                    |                                         |                      |                                         |
|                                                 | FF ONLY: (CUSTOI                   | DY)            | -                                     |                 |                        |                                       |                |                  |          |                      |        |          |            |              |                    |                                         |                      |                                         |
| 1. Date/Tim                                     | IFF ONLY: (CUSTO)<br>he RCVD:/_    |                | · · · · · · · · · · · · · · · · · · · | @               | Via:                   |                                       | •              | By (Pr           | int):    |                      |        |          | ·          |              |                    | Sign:                                   |                      |                                         |
|                                                 |                                    |                |                                       |                 |                        |                                       |                |                  |          |                      |        |          |            |              |                    |                                         |                      |                                         |
| 3. Results R                                    | teported To:                       |                |                                       |                 |                        | Via:                                  | •              |                  | Date     |                      |        | /        | /          |              | Ti                 | me:                                     | Initia               | ls:                                     |
| Posted to No.                                   | TS:<br>DIA Reading Room            |                |                                       |                 | ·                      | BEST                                  | AVA            | LABI             | E COP    | Υ                    |        |          | · <u>-</u> |              |                    | EOIA Poqueete                           | ed Record #J-15-008  | 85 (MD)                                 |
| May, 2018                                       | 577 Reading Room                   |                |                                       |                 |                        | 223.                                  |                |                  |          | -                    |        |          |            |              |                    | Released                                | by National Guard    | Bureau                                  |
| · ·                                             | ·                                  |                |                                       | · ···-          |                        |                                       |                |                  |          | • •                  | *      | w-in     | ****       |              |                    | . , , , , , , , , , , , , , , , , , , , | Page 474             | of 5269                                 |

| SURFACE WIPE SAMPLING SHEET Industrial Hygiene Surface V             | Vipe Sample Sh                        | eet           |                                                  |
|----------------------------------------------------------------------|---------------------------------------|---------------|--------------------------------------------------|
| Return Address                                                       | Point of Contact                      |               |                                                  |
| Region North IH                                                      | Non-Responsive 10-9                   | 42-0273, Ext. | 23                                               |
| 301-IH Old Bay Lane                                                  | Samples Collected                     |               |                                                  |
| Havre De Grace, MD 21978                                             | Non-Responsive                        |               |                                                  |
| Sampled Facility                                                     | rton rtooponore                       |               |                                                  |
|                                                                      | Towson                                | MD            |                                                  |
| Towson, Ruhl Armory Description of Operation: Converted IFR          | 10//30/1                              | (II)          |                                                  |
| Description of Operation: Convened IFR                               | Date Collected:                       | Date Shippe   |                                                  |
| Analysis Desired: Lead                                               | 6-Dec-06                              | 8-Dec-06      |                                                  |
|                                                                      | 0-060-00                              | 0-D6C-00      | <del></del>                                      |
| Sampling Data                                                        |                                       |               | <b>D</b>                                         |
| Location                                                             | Sample #                              | Results       | Remarks                                          |
| Firing line pos. 3 (9.2' rear wail/6.6' rt. wall)                    | TOW-120606001                         | 2500          |                                                  |
| Halfway from firing lane 1 to bullet trap wall (37.3' rear           |                                       | 4400          | 1                                                |
| wall/2.8' left wall)                                                 | TOW-120606002                         |               |                                                  |
| n front of bullet trap, firing lane 5 (66.2' rear wall/2.8' rt.      | TOW-120606003                         | 370           |                                                  |
| Rear wall (7.1' range door/6' up)                                    | TOW-120606004                         |               |                                                  |
| Rear wall (1.3'up/0.7' rt. wall)                                     | TOW-120606005                         |               |                                                  |
| Rt. wall, firing lane 5 by middle receptical (21.3' rear             |                                       |               |                                                  |
| wall/5.3' up)                                                        | TOW-120606006                         |               |                                                  |
| Rt. wall, firing lane 5, next to power box, in front of bullet       |                                       | 2.40          |                                                  |
| trap (53.8 rear wall/2.3' up)                                        | TOW-120606007                         | 2.40          |                                                  |
| Rt wall, firing lane 5, inside bullet trap (9.2' rear wall/6'        | · · · · · · · · · · · · · · · · · · · |               |                                                  |
| up)                                                                  | TOW-120606008                         | 420           |                                                  |
| Trap wall (5' to bullet trap/6.7' up)                                | TOW-120606009                         | 770000        |                                                  |
| Trap wall (5.7' to bullet trap/8' up)                                | TOW-120606010                         | 86000         |                                                  |
| Left wall, firing lane 1, next to trap wall (5.7' bullet             |                                       |               |                                                  |
| trap/1.3' up)                                                        | TOW-120606011                         | 2100          |                                                  |
| Left wall, firing lane 1, halfway to trap wall (51' rear wall/6'     |                                       |               |                                                  |
|                                                                      | TOW-120606012                         |               |                                                  |
| up)<br>Left wall, firing lane 1, close to door (3.2' rear wall/1.3'  | 1011 1200001                          |               |                                                  |
|                                                                      | TOW-120606013                         |               |                                                  |
| up)<br>Light fixture next to bullet trap                             | TOW-120606014                         |               |                                                  |
| Heater next to left wall and bullet trap                             | TOW-120606015                         | 490           | <del>                                     </del> |
|                                                                      | TOW-120606016                         | 270           | ·                                                |
| Floor 8.5' outside range door Floor outside hall 17' from range door | TOW-120606017                         | 430           | <del>                                     </del> |
| Floor outside hall 36.8' from range door                             | TOW-120606018                         | 240           | <del> </del>                                     |
| Floor outside hall 30.6 Holl range door                              | TOW-120606019                         | 800           |                                                  |
| Floor inside room next to range (4.3' to door/8.5' to wall)          | 1000-120000013                        | - 000         |                                                  |
| Floor inside room next to range left wall (36.8' to rear             | TOW-120606020                         | 380           |                                                  |
| wall) (14.3) to                                                      |                                       | .780          | <del> </del>                                     |
| Floor inside cage next to room adjacent to range (11.3' to           | TOW 400000004                         | 780           | 1                                                |
| door/3.3' to wall)                                                   | TOW-120606021                         |               |                                                  |
| Hall floor outside restricted area to range (5.7' to                 |                                       | 200           |                                                  |
| door/12.7' to restricted area door)                                  | TOW-120606022                         | 250           |                                                  |
| Gym area floor (basketball court) outside restricted area            |                                       |               |                                                  |
| (1.5' to door)                                                       | TOW-120606023                         |               |                                                  |
| Inside Range                                                         | TÖW-1206060B1                         | <b></b>       |                                                  |
| Inside Range                                                         | TOW-120606025                         |               |                                                  |
| Inside Range                                                         | TOW-120606028                         | 3             | <u> </u>                                         |
|                                                                      |                                       |               | <u> </u>                                         |
|                                                                      |                                       |               |                                                  |



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson, Ruhl Armory

Chain Of Custody:

148418

Address:

301-IH Old Bay Lanc, Attn: NGB-AVN-St.

Havre de Grace, Maryland 21078

Job Location:

Not Provided

Date Submitted:

12/8/2006

12/8/2006

State Military Reservation

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

08-Dec-06

Report Date:

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Repo<br>Li | rtiog<br>mit | F | inal Resu | lt      | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|------------|--------------|---|-----------|---------|----------|
| 0718254              | TOW-120606-001          | Flame         | Wipe        | 77**              | 0.111               | 108.01     | ug/fl²       |   | 2500      | ug/ft²  |          |
| 0718255              | TOW-120606-002          | Flame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       |   | 4400      | ug/ft²  |          |
| 0718256              | TOW-120606-003          | Flame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       |   | 370       | ug/fil² |          |
| 0718257              | TOW-120606-004          | Flame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       | < | 110       | ug/ft²  |          |
| 0718258              | TOW-120606-005          | Flame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       | < | 110       | ug/ft²  |          |
| 0718259              | TOW-120606-006          | Flame         | Wipe        | ****              | 0.111               | 10.801     | ug/ft²       | < | 110       | ug/ất²  |          |
| 0718260              | TOW-120606-007          | Flame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       |   | 240       | ug/ft²  |          |
| 0718261              | TOW-120606-008          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 420       | ug/ft²  |          |
| 0718262              | TOW-120606-009          | Flame         | Wipe        | ****              | 0.111               | 108.01     | $ug/ft^2$    |   | 770000    | ពទិ/ស្រ |          |
| 0718263              | TOW-120606-010          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 86000     | ug/ft²  |          |
| 0718264              | TOW-120606-011          | Flame         | Wipe        | ****              | 0.111               | 103.01     | ug/ft²       |   | 2100      | ug/ft²  |          |
| 0718265              | TOW-120606-012          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       | < | 110       | ug/ft²  |          |
| 0718266              | TOW-120606-013          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       | < | 110       | ug/ft²  |          |
| 0718267              | TOW-120606-014          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 120       | ug/ft²  |          |
| 0718268              | TOW-120606-015          | Plame         | Wipe        | ****              | 0.111               | 108.01     | ug/ft²       |   | 490       | ug/ft²  |          |
| 0718269              | TOW-120606-016          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 270       | ug/ft²  |          |
| 0718270              | TOW-120606-017          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 430       | ug/ft²  |          |
| 0718271              | TOW-120606-018          | Flame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 240       | ug/ft²  |          |
| 0718272              | TOW-120606-019          | Flame         | Wine        | ****              | 0.111               | 108.01     | ug/it²       |   | 800       | ug/ft²  |          |
| 0718273              | TOW-120606-020          | Fiame         | Wipe        | ***               | 0.111               | 108.01     | ug/ft²       |   | 380       | ug/ft²  |          |
|                      |                         |               |             |                   |                     |            | -            |   |           |         |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us, Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643
BEST AVAILABLE COPY Posted to NGB FOIA Reading Room

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau

May, 2018----Page 476 of 5269

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson, Ruhl Armory

Chain Of Custody:

148418

Address:

30)-III Old Bay Lane, Attn: NGB-AVN-SL

Job Location:

Not Provided

Date Submitted:

12/8/2006

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

associated with these samples.

12/8/2006

08-Dec-06

Report Date:

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| Client Sample<br>Number | Analysis Type                                                                    | Sample Type                                                                                                    | Air Volume<br>(L)                                                                                                                                                                                                                                                                     | Area Wiped<br>(ft²)                                                                                                                                                       | Reporting<br>Limit                                                                                                                                                                                            | Fi                                                                                                                                                                                                                                                                                        | nai Resu                                                                                                                                                                                                                                                                                      | lt                                                                                                                                                                                                                                                                                                               | Comments                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |                                                                                  |                                                                                                                | :                                                                                                                                                                                                                                                                                     |                                                                                                                                                                           |                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                       |
| TOW-120606-021          | Flame                                                                            | Wipe                                                                                                           | ****                                                                                                                                                                                                                                                                                  | 0.111                                                                                                                                                                     | 108,01 ug/ft <sup>2</sup>                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                           | 780                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| TOW-120606-022          | Flame                                                                            | Wipe                                                                                                           | ****                                                                                                                                                                                                                                                                                  | 0.111                                                                                                                                                                     | 108.01 ug/ñ²                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                           | 250                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| TC)W-120606-023         | Flame                                                                            | Wipe                                                                                                           | ****                                                                                                                                                                                                                                                                                  | 0.111                                                                                                                                                                     | 108.01 ug/ft <sup>2</sup>                                                                                                                                                                                     | <                                                                                                                                                                                                                                                                                         | 110                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| TOW-120606-B1           | Flame                                                                            | Wipe                                                                                                           | ****                                                                                                                                                                                                                                                                                  | 0.111                                                                                                                                                                     | 108,01 ug/ft²                                                                                                                                                                                                 | <                                                                                                                                                                                                                                                                                         | 110                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| TOW-120606-B2           | Flame                                                                            | Wipe                                                                                                           | ***                                                                                                                                                                                                                                                                                   | 0.111                                                                                                                                                                     | 108.01 ug/ft²                                                                                                                                                                                                 | <                                                                                                                                                                                                                                                                                         | 110                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
| TOW-120606-B3           | Flame                                                                            | Wipe                                                                                                           | 市家本本                                                                                                                                                                                                                                                                                  | 0.111                                                                                                                                                                     | 108.01 ug/ft <sup>2</sup>                                                                                                                                                                                     | <                                                                                                                                                                                                                                                                                         | 110                                                                                                                                                                                                                                                                                           | ug/ft²                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                       |
|                         | Number  TOW-120606-021 TOW-120606-022 TOW-120606-023 TOW-120606-B1 TOW-120606-B2 | Number  TOW-120606-021 Flame TOW-120606-022 Flame TOW-120606-023 Flame TOW-120606-B1 Flame TOW-120606-B2 Flame | Number         Wipe           TOW-120606-021         Flame         Wipe           TOW-120606-022         Flame         Wipe           TOW-120606-023         Flame         Wipe           TOW-120606-B1         Flame         Wipe           TOW-120606-B2         Flame         Wipe | Number (1.)  TOW-120606-021 Flame Wipe ****  TOW-120606-022 Flame Wipe ****  TOW-120606-023 Flame Wipe ****  TOW-120606-B1 Flame Wipe ****  TOW-120606-B2 Flame Wipe **** | Number (1.) (ff²)  TOW-120606-021 Flame Wipe **** 0.111  TOW-120606-022 Flame Wipe **** 0.111  TOW-120606-023 Flame Wipe **** 0.111  TOW-120606-B1 Flame Wipe **** 0.111  TOW-120606-B2 Flame Wipe **** 0.111 | Number (1.) (ft²) Limit  TOW-120606-021 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-022 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-023 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-B1 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-B2 Flame Wipe **** 0.111 108.01 ug/ft² | Number (1.) (ft²) Limit  TOW-120606-021 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-022 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-023 Flame Wipe **** 0.111 108.01 ug/ft²  TOW-120606-B1 Flame Wipe **** 0.111 108.01 ug/ft² <  TOW-120606-B2 Flame Wipe **** 0.111 108.01 ug/ft² < | Number (L) (ft²) Limit  TOW-120606-021 Flame Wipe **** 0.111 108.01 ug/ft² 780  TOW-120606-022 Flame Wipe **** 0.111 108.01 ug/ft² 250  TOW-120606-023 Flame Wipe **** 0.111 108.01 ug/ft² 250  TOW-120606-B1 Flame Wipe **** 0.111 108.01 ug/ft² < 110  TOW-120606-B2 Flame Wipe **** 0.111 108.01 ug/ft² < 110 | Number  (1.) (ft²) Limit  TOW-120606-021 Flame Wipe **** 0.111 108.01 ug/ft² 780 ug/ft²  TOW-120606-022 Flame Wipe **** 0.111 108.01 ug/ft² 250 ug/ft²  TOW-120606-023 Flame Wipe **** 0.111 108.01 ug/ft² 250 ug/ft²  TOW-120606-B1 Flame Wipe **** 0.111 108.01 ug/ft² < 110 ug/ft²  TOW-120606-B2 Flame Wipe **** 0.111 108.01 ug/ft² < 110 ug/ft² |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

See QC Summary for analytical results of quality control samples

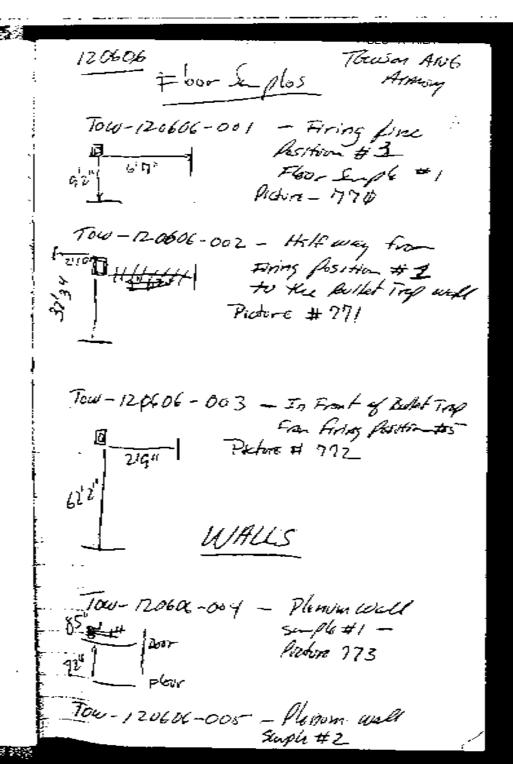
This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report most not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved, AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.

An AIHA (#8863), NVŁAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

4475 Forbes Blvd. • Lanham, MD 20706 30A) 459-2640 CToll Free (800) 346-0961 • Fax (301) 459-2643 FOIA Requested Record #J-15-0085 (MD)

Posted to NGB FOIA Reading Room May, 2018....

... Released by National Guard Bureau ..



.3 !\$

TOW-12-06 OC -007 - Right wall

From 5th Formy factor

Next to power by

and in front of Bolled

Trap

27"

011 # 776

35x17=646112-53.8"

27/12=8.3"

TOW-120606-008- Thight well

For Fring faith #5

inser to Billettrap

PRH 778

6:5xi7=110:5/12=9.2'

9x8=721:2>6'

TOW-ROCOG-009 - Bellet TRP will belond D 3.5 Pid # 779 35x17=59,5/12=51 10×8=804=6,71 TOW - 120606-010 - Well Rethins Bellettesp PRJ. # 480 4x17 = 68112:557 12 78 5 96/12=8 TOW-120606-011-1 WAN Laft of 1 4 x 17 = 8 1 12 west to Bullet Trap

2 2 x 8 = 10/12 park while Protorn TOW-120606 -012 - Wall left of aming 19 36×17=6121 to the back wall 9 9×8=7210=6 20127 Pa # 70: Tow-120166-013 - Wall lift of sovieg 2×5=14" / Agam 41 - Close to

### FIXING)

TOW-120602-004 - Light Fixture Mayor
to bullet Traf
first # 784

TOW-120606-015 - Hector wort to left will and tablet Try costs

pat #784

ADJACANT APRIL

TOW-1206Ch - 016 - Floor about the 16x172702"/12=, Page Door 185

TOW-120600-017- Plan outself Hell 12 12 12 17 From Hy range Poor Doller 7 Part # 786

TOW-12006-018- Floor notable Holy

26 P 26×170 for the rayabor

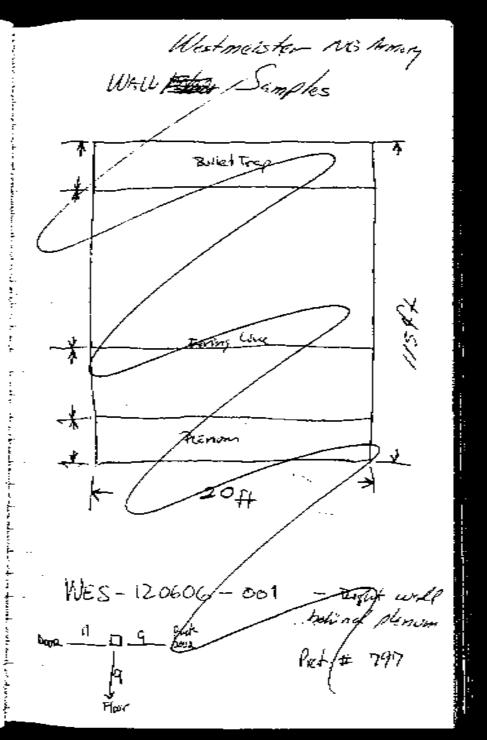
4421122366 Pet # 287/288

CINDIEBLOCK TOW- 120606-019 - Flow insect room west to raise -1 3 3x1 = 51/12=4.25 6x1=10217, 5,5 Tow-120606-020 - Floor inside from west to range aposto 100 26 x/12 Pat # 790 Tow-120606 - 021 - Floor indick tollier Next to poon adjacent par 15 mill to Range By 8772 136/00 113 Pat #791/292 200 57 Hail office the Dor with 4x72650123 Pestaland and to AR # 793 DESMORTANDE A 1000 TOW-1206-023 \_ Floor of the Gym and (Swketryll) ant). Outside resmet Pat#1994 <del>-</del> - 356

TOW-120606-B1-Install

TOW- 120606 - BZ - ON ticke Dange adjust Half

TOW-120606-133- article Rays and ortale Restricted are



www.amalab.com

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 150777

### **CHAIN OF CUSTODY**

| Mailing/Billing Informa                          | ation:               | 1.                            | a           | 0                  |            | <b>.</b> .                               |                                              | 11             |                     | Sub            | mit       | tal Inf          | orma                                              | tion:    |         | _           | 6.                |          | <b>→</b> ? |                   |                     |                                            |                   |
|--------------------------------------------------|----------------------|-------------------------------|-------------|--------------------|------------|------------------------------------------|----------------------------------------------|----------------|---------------------|----------------|-----------|------------------|---------------------------------------------------|----------|---------|-------------|-------------------|----------|------------|-------------------|---------------------|--------------------------------------------|-------------------|
| 1. Client Name: Ker<br>2. Address 1: 201-1       | 1 Fors               | ythe 11                       | N(-15       | , 12               | 360        | North                                    | <u>^                                    </u> | tt             |                     | 1.             | Job       | Name             | :                                                 | ow.      | Sor     | <del></del> | Ru                | <u> </u> | <u> </u>   |                   |                     |                                            |                   |
| <ol> <li>Address 1: <u>36(-1</u></li> </ol>      | H 010                | Bay La                        | ۱۸۷         |                    |            |                                          |                                              |                |                     | 2.             | Job       | Locat            | ion:                                              | 100      | اري     | ۸ ر         | الاند             | <u> </u> | />-        | mo                | <u> </u>            |                                            |                   |
| 3. Address 2: Haure                              |                      |                               |             |                    |            |                                          |                                              |                |                     | 3.             | Job       | #:               |                                                   | Mon      |         | ACI         | or                | nei\     | -          | _ P.O.            | . #                 |                                            | 4000              |
| 4. Address 3:                                    |                      |                               |             |                    |            |                                          |                                              |                | <del></del>         | 4.             | Con       | tact P           | ersor                                             | VOIT     | -11     | Co          | JUI               | IOIV     |            |                   | @ phone :           | # 910 992                                  | 0213×23           |
| 5. Phone #: 410 9                                | 42 02                | 73                            | Fax         | .#: <u>_</u> _     | 410        | <u>942</u>                               | 025                                          | 54_            | 2.49642426          | <b>5</b> .     | Sub       | mitted           | l by:                                             |          |         |             |                   |          |            | S                 | ignature:           | # 410 942<br>Responsive                    |                   |
| Please include COC/fi                            | ield data sh         | neers with re-                | sults       | _ P                | keporti    | ing Info                                 | rmat                                         | ion (.         | Kesuit              | s wu           | u be      | Drovi            | aea a                                             | s sood   | 1 45    | tecni       | исл               | 11 Je 2  | 151UK      |                   |                     |                                            | A.A. 141.         |
| Date & Time Results Rec                          | quired:              | //                            | ***         | .œ                 |            | نال ــــــــــــــــــــــــــــــــــــ | mma.                                         | <b>/25</b> -24 | ויסג וייין.         | +8DT           | الا       | 2m L             | ית כר                                             | :y + L   | _1m     | ma. 2       | Tiei              | -nou     | rs L       |                   | C                   | Cate-Might ( must t                        | be pre-scheduled) |
| ☐ Verbals:                                       | @                    | cell #                        |             | 100011972          |            |                                          |                                              |                | in the state of the | 100000         | 74. F. J. | @ ta             | x#                                                |          |         | *****       | 1 1 1 1 1 1 1 1 1 |          |            |                   |                     |                                            |                   |
| Asbestos Analysis<br>PCM Air – Please Indicate I | Eilter Tuese         |                               |             |                    |            | TEM E                                    |                                              | 100 /          | l/Chatfi            | eld.           |           |                  | OT                                                | V        |         |             |                   | 1.4      |            | nalysi<br>Paint C |                     | OTY)                                       |                   |
| PC MCE Porosity                                  |                      |                               |             |                    |            | ă                                        | NY St                                        | ate PI         | M/TE                | и <u> </u>     |           |                  | (QTY                                              | )        |         |             |                   |          | S i        | Oust V            | Vipe (wipe type     | OTY)<br>18 ) Chost                         | (QTY)             |
| ☐ NIOSH 7400                                     | (Q'                  | ľY)                           |             |                    |            |                                          | Residu                                       |                | h                   |                |           |                  |                                                   |          |         |             |                   |          |            | Air               | olid(QTY)           | ^***                                       |                   |
| ☐ Fiberglass<br>TEM Air - Please Indicate I      | (QTY<br>Filter Type: | )                             |             |                    |            | TEMI                                     | Oust<br>Oust                                 | (mnec/         | abs) Va             | ^1111T         | /Dine     | •                |                                                   | (01      | ΓY      |             |                   |          |            | CLP<br>CLP        | Olid(QTY            | (X X )                                     |                   |
| PC MCE Porosity                                  | in a 25n             | am 37mm                       |             |                    |            |                                          | Quan.                                        | (s/are         | a) Vacu             | um I           | 575       | 5-95 _           |                                                   |          | (QT     | Y)          |                   |          |            | Drinki            | ng Water            | (QTY)                                      |                   |
| ☐ AHERA<br>☐ NIOSH 7402                          | (QTY)<br>(O          | TY)                           |             |                    |            |                                          | Quan.                                        | (s/are         | a)Dust              | D648           | 30-99     |                  |                                                   | (QT      | Y)      |             |                   |          |            |                   | Water               | _(QTY)<br>ype))                            | (QTY              |
| Other (specify                                   | )_                   | <i>,</i>                      | (QTY        | )                  |            | TEM V                                    | Qual                                         | (pres/         | abs)                |                |           | (OT              | Y                                                 |          |         |             |                   |          |            | Dust V            | tipe rumace (wipe t | λh <sub>c</sub> )                          | (QXI              |
| PLM Bulk  EPA 600 – Visual Es                    | etimote              | /0                            | TY)         |                    |            |                                          | ELAP                                         | 198.2          | 2/EPA 1             | 00.2,          |           |                  | (Q                                                | TY)      |         |             |                   | M        | íold -     | Direct            | Microscopic Analy   | ysis                                       |                   |
| EPA Point Count                                  | Simate               | _(QTY)                        | ,           |                    |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          | _ U;       | Spore-<br>Surfac  | Trap(QTY)           | ☐ Bulk (Q'<br>Y)☐ Surface Vacuum           | TY)<br>Dust (OTY  |
| NY State Friable                                 |                      | _(QTY)                        | OTV         |                    |            |                                          |                                              |                | receive             |                |           |                  | ion un                                            | less oth | nerw    | ise no      | ted.              |          |            | Surfac            | e Tape(QTY          | (Specify                                   | (QTY              |
| ☐ Grav. Reduction EL. ☐ Other (specify           | AP 198.1)_           | (                             | (OTY)       | )                  |            |                                          |                                              |                | amples .            |                |           |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
|                                                  | SAMPLE               | INFORMAT                      | ION         | * 70               | N K DA ATT | 33 2003/0                                | ,                                            | ~ /            | ANA                 | LYSI           | S         | , 3              | 1.                                                | بد ر     | 1 1     | MAT         | RX                | ≝a.      | 1 50       | 1 29              | 1                   | CLIENT CONTACT                             | ı                 |
|                                                  | IDENTI               | LOCATION/<br>FICATION         | DAT         | Œ (L               | MERS)      | WIPE<br>AREA                             |                                              | <u> </u>       | Ź / ,               | <del>2</del> / | FA        | \ \frac{2}{5}    | \ <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del> | / B      | 1 5     | 3 / 2       | \$\$/             | ğğ       | 17.        | / <u>\$</u>       | (LAE                | ORATORY STAFF O                            | NLY)              |
| 20061213TWR2 81                                  | Floor i              | n range                       | 12/1        | 3                  |            | ų″×ų                                     | "                                            |                |                     |                | imes      |                  |                                                   |          | 2       | Ŕ_          |                   |          |            |                   | Date/Time:          | Contact:                                   | By:               |
| CZ                                               | Floor                | in range                      |             |                    |            |                                          |                                              |                |                     |                | $\perp$   |                  | ļ                                                 | <u></u>  |         | Щ           |                   |          |            | <u> </u>          |                     |                                            |                   |
|                                                  |                      | in range                      |             | William<br>William |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          |            |                   |                     | ***************************************    |                   |
|                                                  |                      | n runge                       |             |                    |            |                                          |                                              |                |                     |                | $\perp$   |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
| 20061213TW2265                                   |                      |                               | 189         |                    |            |                                          |                                              |                |                     | 384            |           |                  |                                                   |          |         |             |                   |          |            |                   | Date/Time:          | Contact:                                   | By:               |
|                                                  | wall.                |                               | T           |                    |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
|                                                  | Wall.                | 11 27 2 3 NOVEMBER 1 11       |             |                    |            |                                          |                                              |                |                     |                | 24        |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
|                                                  | Wall,                |                               |             |                    |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
| 20061213722269                                   |                      |                               | 100         | - A - D            |            |                                          |                                              |                |                     |                |           |                  | Şáfri                                             |          |         |             |                   |          |            |                   | Date/Time:          | Contact:                                   | By:               |
| 10                                               | Wall,                | cialit                        | $\top \top$ |                    |            |                                          |                                              |                |                     |                |           |                  | 1                                                 |          |         |             |                   |          |            |                   |                     |                                            |                   |
| 11                                               |                      |                               |             |                    |            |                                          |                                              |                |                     |                | 32        | (2000)<br>(2000) |                                                   |          |         |             |                   |          |            |                   |                     |                                            |                   |
|                                                  | Fluor V              | 7                             |             |                    |            |                                          |                                              |                |                     |                | 1         |                  | 1                                                 | -        | 11      |             |                   |          |            |                   |                     |                                            |                   |
| 20061213 TWRZ 13                                 | Flour                | hallway                       | TV          |                    |            | W                                        |                                              |                | 54 F                |                | V         |                  |                                                   | L. SS    | N       | 1           |                   |          |            |                   |                     |                                            |                   |
| LABORATORY STA                                   |                      | and the second section of the |             |                    |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          |            |                   |                     |                                            | (                 |
| 1. Date/Tim                                      |                      |                               |             | 1                  | (6         | <b>a</b> )                               | _Via:                                        |                |                     |                |           | 3y (Pri          | αε):                                              |          |         |             | \$35              |          |            | 38,87             | Sign:               |                                            |                   |
| 2. Date/Tim                                      |                      |                               | /           | /                  |            | @                                        | 75. 457                                      | <br>Зу (Р:     | int):               |                | 204)      |                  |                                                   |          |         |             |                   | Sign:    |            |                   |                     |                                            |                   |
|                                                  |                      |                               |             |                    |            |                                          |                                              |                | BEST                |                |           | DLE O            | -Det                                              |          |         | /           |                   | 1        | 174        | Ti                | me:                 | ecord #J-15-0085 (N                        | als:              |
| Posted Render F<br>May, 42018 mmen               |                      | ing Room                      | 1           |                    |            |                                          |                                              |                | BEST                | <i>/</i> \∀/   | ML/A      | DEE C            | CPT"                                              |          | e tradi |             |                   | ····.    | · · · · ·  | * * *             |                     | ecord #J-15-0085 (N<br>National Guard Bure |                   |
| way, <b>Lorenthe</b>                             | 140                  |                               |             |                    |            |                                          |                                              |                |                     |                |           |                  |                                                   |          |         |             |                   |          |            |                   | noicascu by         | Page 482 of 52                             |                   |

AMA Analytical Services, Inc. ATHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 150777

Page 483 of 5269

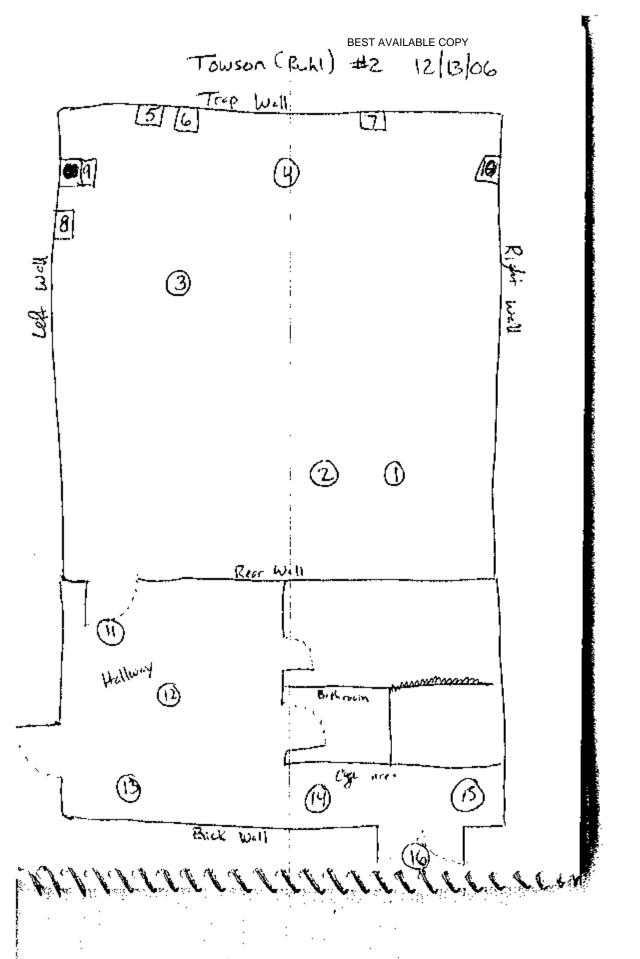
#### **CHAIN OF CUSTODY**

www.amalab.com Mailing/Billing Information: Submittal Information: Von-Responsive @ phone # \(\frac{410}{10}\) 942 \(\delta 273 \times 25\)
Signature: \(\frac{\text{Non-Responsive}}{\text{Non-Responsive}}\) 4. Address 3: 4. Contact Person: 5. Phone #: 410 942 6273 Fax #: 410 942 6254 5. Submitted by: Reporting Information (Results will be provided as soon as technically feasible): ☐ Please include COC/field data sheets with results ☐ Verbals: \_\_\_\_\_\_ @ cell # \_\_\_\_ ☐ Fax Copy: \_\_\_\_\_\_ @ fax # \_\_\_\_\_ ☐ Email Copy: \_\_\_\_\_ @ \_\_\_\_ Asbestos Analysis TEM Bulk Lead Analysis Paint Chip (QTY)

M Dust Wipe (wipe type 18) Chast (QTY) ☐ ELAP 198.4/Chatfield (QTY) PCM Air - Please Indicate Filter Type: ☐ NY State PLM/TEM\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm ☐ NIOSH 7400 (QTY)
☐ Fiberglass (QTY) ☐ Air\_\_\_\_\_(QTY)
☐ Soil/Solid\_\_\_\_\_(QTY) ☐ Residual Ash (QTY) TEM Dust TEM Air - Please Indicate Filter Type: Ci Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) U TCLP\_\_\_\_(OTY) PC MCE Porosity\_\_\_\_\_in a 25mm 37mm Quan. (s/area) Vacuum D5755-95 (OTY) ☐ Drinking Water\_\_\_\_(QTY) ☐ AHERA (QTY) ☐ Waste Water (QTY) ☐ Quan. (s/area)Dust D6480-99\_\_\_\_(QTY) ☐ NIOSH 7402 \_\_\_\_\_(QTY) ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_\_) \_\_\_\_(OTY) TEM Water Other (specify\_\_\_\_\_)\_\_(OTY) Qual. (pres/abs)\_\_\_\_\_(QTY) PLM Bulk ☐ ELAP 198.2/EPA 100.2 (QTY) Mold - Direct Microscopic Analysis ☐ EPA 600 - Visual Estimate\_\_\_\_\_ \_\_\_\_(QTY) ☐ EPA 100.1\_\_\_\_\_(QTY) ☐ Spore-Trap \_\_\_\_(OTY) ☐ Bulk \_\_\_\_(OTY) ☐ EPA Point Count \_\_\_\_\_(QTY) ☐ Surface Swab \_\_\_\_\_\_(QTY)☐ Surface Vacuum Dust \_\_\_\_\_(QTY) NY State Friable (OTY) ☐ All samples received in good condition unless otherwise noted. ☐ Surface Tape (QTY) ☐ Other (Specify (QTY) ☐ Grav. Reduction ELAP 198.1
☐ Other (specify ) (TEM Water samples \_\_\_\_°C) \_(QTY) SAMPLE INFORMATION CLIENT CONTACT VOLUME CLIENT ID SAMPLE LOCATION/ (LABORATORY STAFF ONLY) NUMBER IDENTIFICATION DATE (LITERS) AREA 4"×4" 20061213TWRZ 14 Floor, CASC 12/13 Date/Time: Contact: By: 15 Flow Cage 16 Floor, out de NIA 17 Blank 20061213TW2218 Blank Date/Time: Contact: By: Date/Time: Contact: By: LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: \_\_\_\_/ \_\_\_ @ \_\_\_\_ Via: \_\_\_\_ By (Print): \_\_\_\_\_ Sign: \_\_\_\_\_ Posted to NGB FOR Reading Room

BESTAVAILABLE COPATE:

FOR Requested Record #J-15-0085 (MD): May, **20** Comments: \_\_\_\_\_ -Released by National Guard Burgau ....



## Towsen (Rul) #2 12/13/2006

20061213THURZOL Floor, range, 10' from new wall, 7' from @ well

02. Floor, range, 10' from rear with, 6' from B will

03 Floor, range, 45' from red with, 6' from @ will

Of Floor, range, 3' from trop well, 9' from @ wet

05 Blee, William & from Buck, 9th block from floor

06 W. U. trop, 05 from @ well, 94 block from Boar

07 Wall, trep, G'from @ Well, 4th block from floor

09 well, Left, 15' from trap well, 9t black from floor

09 Wall, Lest, 3' from trop well, 3th block from swor

10 Well, Right, 9' from trop well, 7th block from floor

11 Flow, hellway, 3' from ther well, 6' from @ well

12 Floor, hellway, 15' from (11 well, 3' from @ Well

13 Floor, hellway, 6' from back well, 6' from @ wek

14 Floor, Cage, 9' from back well, 9' from @ well

15 Flow, cage, 3' from beelf well, 3' from @ well

16 Floor, outside range exit, I' from enterne "Chamber", outside were

17 Black

18 Blank

J.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

159353

Mailing/Billing Information: **Submittal Information:** 1. Client Name: NGB Reman North 14 1. Job Name: Towson Ruh) Clear IV 2. Address 1: 301-14 OIX Bay Lane 2. Job Location: Towson Ruhl Armory 3. Address 2: H&G MD 21078 3. Job#:\_\_\_\_\_ P.O. #:\_\_\_\_\_ 

 4. Address 3:
 4. Contact Person

 5. Phone #: 410 942 0273
 Fax #: 410 942 0254
 5. Submitted by:

 4. Contact Person Non-Responsive @ phone # 410 942 0273 Signature: Non-Respor ☐ Please include COC/field data sheets with results Reporting Information (Results will be provided as soon as technically feasible): ☐ Verbals: @ cell # ☐ Fax Copy: @ fax # ☐ Email Copy: albert.c. schwei @ Cas.acmy. Mil Asbestos Analysis TEM Bulk Lead Analysis PCM Air - Please Indicate Filter Type: ☐ ELAP 198.4/Chatfield (QTY) PC MCE Porosity in a 25mm 37mm ☐ NY State PLM/TEM\_\_\_\_(QTY) ☐ NIOSH 7400\_\_\_\_\_(QTY)
☐ Fiberglass \_\_\_\_\_(QTY) ☐ Residual Ash\_\_\_\_\_(QTY) □ Air\_\_\_\_(QTY) TEM Dust ☐ Soil/Solid\_\_\_\_\_(QTY) TEM Air - Please Indicate Filter Type: Qual. (pres/abs) Vacuum/Dust\_\_\_\_\_(QTY) TCLP\_\_\_\_(QTY) PC MCE Porosity\_\_\_\_in a 25mm 37mm Ouan, (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) ☐ Drinking Water (QTY)
☐ Waste Water (QTY) ☐ AHERA\_\_\_\_(QTY) Quan. (s/area)Dust D6480-99\_\_\_\_(QTY) ☐ NIOSH 7402 \_\_\_\_\_(QTY) TEM Water Other (specify\_\_\_\_\_ ☐ Dust Wipe Furnace (wipe type \_\_\_\_\_) (OTY) (YTQ). ☐ Qual. (pres/abs) (QTY)
☐ ELAP 198.2/EPA 100.2 (QTY) PLM Bulk ☐ EPA 600 – Visual Estimate\_\_\_\_ Mold - Direct Microscopic Analysis ☐ EPA Point Count \_\_\_\_\_(QTY) ☐ EPA 100.1\_\_\_\_\_(QTY) ☐ Spore-Trap \_\_\_\_(QTY) ☐ Bulk \_\_\_\_(QTY) NY State Friable 198.1 (QTY)
Grav. Reduction ELAP 198.6 (QTY) ☐ Surface Swab \_\_\_\_\_(QTY)☐ Surface Vacuum Dust \_\_\_\_\_(QTY) All samples received in good condition unless otherwise noted. ☐ Surface Tape (QTY) ☐ Other (Specify (QTY) (TEM Water samples \_\_\_\_\_°C) Other (specify\_\_\_\_\_\_ SAMPLE INFORMATION ANALYSIS NALYSIS MATRIX CLIENT CONTACT CLIENT ID SAMPLE LOCATION/ VOLUME WIPE NUMBER IDENTIFICATION DATE (LITERS) AREA (LABORATORY STAFF ONLY) 20070111TWR4 01 Wall Date/Time: Contact: Bv: 02 03 05 Date/Time: Contact: 67 26570117WRY 09 BLANK Date/Time: Contact: By: LABORATORY STAFF ONLY: (CUSTODY) 2. Date/Time Analyzed: \_\_\_\_ / \_\_\_ @ \_\_\_\_By (Print): \_\_\_\_\_ Sign: \_\_\_\_ 3. Results Reported To:

Poster on NGR FOIA Reading Room Na: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Time: Ti May, 2018 Released by National Guard Bureau Page 486 of 5269

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



AIHA

Client:

National Guard Bureau

Job Name:

Townson (Ruhl) Clear #3

Chain Of Custody:

159351

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Townson (Ruhl) Armory

Date Submitted:

1/5/2007

raus coo.

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed: Non-Responsiv

Attention:

Non-Responsive

Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

05-Jan-07

Report Date:

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Arca Wiped<br>(ft²) |        | orting<br>mit | F   | inal Res | ult                | Сотпе |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|---------------|-----|----------|--------------------|-------|
|                      |                         |               |             |                   |                     | •      |               |     |          |                    |       |
| 0722948              | 20070104TWR3 01         | Flame         | Wipe        | 水水水水              | 111.0               | 108.01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722949              | 20070104TWR3 02         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722950              | 20070104TWR3 03         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722951              | 20070104TWR3 04         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |     | 210      | ug/ft²             |       |
| 0722952              | 20070104TWR3 05         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |     | 350      | ug/ft²             |       |
| 0722953              | 20070104TWR3 06         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <   | 110      | ug/fl²             |       |
| 0722954              | 200701041WR3 07         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |     | 230      | ug/ft²             |       |
| 0722955              | 20070104TWR3 08         | Flame         | Wipc        | ****              | 0.111               | 108.01 | ug/ft²        |     | 5400     | ug/ft²             |       |
| 0722956              | 20070104TWR3 09         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | <   | 110      | ng/ft <sup>2</sup> |       |
| 0722957              | 20070104TWR3 10         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        |     | 3500     | ug/ft²             |       |
| 0722958              | 20070104TWR3 11         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722959              | 20070104TWR3 12         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |     | 5400     | ug/ft²             |       |
| 0722960              | 20070104TWR3 13         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        |     | 370      | ug/ft²             |       |
| 0722961              | 20070104TWR3 14         | Flame         | Wipe        | ****              | 0.111               | 108 01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722962              | 20070104TWR3 15         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²        | <   | 110      | ug/ft²             |       |
| 0722963              | 20070104TWR3 16         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug            | . < | 12       | πã                 |       |
| 0722964              | 20070104TWR3 17         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug            | <   | 12       | ug                 |       |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

All rights reserved. AMA Analytical Services, Inc.



### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) 159351

Page 488 of 5269

| Mailing/Billing Informa                            | tion:                   | ٠.        | 4        |                                                  |                            |                         | ıbmit                                         | tal Inf  | ormat            | ion:          |             |               | D (.1        | ١.             | A 1                | - #2                |                                         |                                        |            |
|----------------------------------------------------|-------------------------|-----------|----------|--------------------------------------------------|----------------------------|-------------------------|-----------------------------------------------|----------|------------------|---------------|-------------|---------------|--------------|----------------|--------------------|---------------------|-----------------------------------------|----------------------------------------|------------|
| I. Client Name: NC                                 | B Region Di             | 2 r th    | 114      |                                                  |                            |                         | Job                                           | Name     |                  | <del>ow</del> | 50°         | 7             | 2041         | <del>\</del>   | -124               | <u>/</u>            |                                         | ************************************** |            |
| 2. Address 1: 301 - 1                              | H OID BAY               | Lane      |          |                                                  |                            |                         |                                               |          |                  | اکاس          | عمز         |               |              |                |                    |                     |                                         |                                        |            |
| 3. Address 2: Havre                                | de Creace M             | D 2       | 21078    |                                                  |                            | 3.                      | Job                                           | #:       |                  | NI            |             |               |              |                | _ P.O.             | #:                  |                                         |                                        | 3          |
| 4. Address 3:                                      |                         |           |          |                                                  |                            | 4.                      | Con                                           | itaci Pe | erson:           | NOI           |             |               |              | ve <sub></sub> |                    | @ phon              | e# 410 qu<br>n-Responsi                 | 4021                                   |            |
| 5. Phone # 410 9                                   | 42 0273                 | _ Fax #   | 410      | 942                                              | 0254                       | 5.                      | Sub                                           | mitted   | by:              |               |             | _             |              |                | S                  | ignature:           | · ·                                     |                                        |            |
| Please include COC/fied<br>Date & Time Results Req | ld data sheets with res | olts      | Report   | ing Inform                                       | ation (I                   | cesults v               | rill be                                       | provi    | ded as           | SOOD          | as te       | chaic         | ally ie      | asible         | );<br>70-0         | A from \$7 access [ | Traca Niche# /#n                        | uset ha mea.ec                         | deaduled). |
| Date & Time Results Req                            | uired://_               | <u>وص</u> | <u> </u> | _}_ Imn                                          | id. <b>jx</b> (24)         | br ∐48                  | <b>-</b>                                      | Zha L    | To Dav           | , + I'I       | mi          | IG. AIT       | er-1101      | 112 L          | ] 240T             | Aner-Hours" L       | Trans-Man. (. 11                        | mat be pre-se                          | neconet)   |
| ☐ Verbals:                                         | _ @ cell #              | *, .      | 1        | Fax:Copy                                         | r:                         |                         | <u> </u>                                      | @ far    | x #              |               |             |               |              |                |                    |                     |                                         |                                        | ,          |
| Asbestos Analysis                                  | "la                     |           |          | TEM Bull                                         | <u>.</u><br>AP 198.4       | (Chartial d             |                                               |          | (OTV             | ``            |             |               | L            | ead Ai<br>UU   | nalysis<br>Paint C | )<br>Thin           | (OTY)                                   |                                        |            |
| PCM Air - Please Indicate F<br>PC MCE Porosity     | in a 25mm 37mm          |           |          | O NY                                             | State PL                   | M/TEM                   |                                               |          | (OTY)            | ,             |             |               |              | <b>Z</b>       | Dust W             | ipe (wipe type      | (QTY)<br>>hast ) 1                      | <u> </u>                               | Y)         |
| □ NIOSH 7400                                       | (OTY)                   |           |          | □ Re                                             | sidual Ash                 | 1                       |                                               | (QTY)    |                  |               |             |               |              | <b>Q</b> .     | Air                | (QTY                | 3                                       |                                        |            |
| ☐ Fiberglass<br>TEM Air — Please Indicate F        | (QTY)                   |           |          | TEM Dus                                          | <u>.</u>                   |                         | _                                             |          |                  | .~~           |             |               |              |                |                    | olid(O'             |                                         |                                        |            |
| PC MCE Porosity                                    | in a 25mm 37mm          |           |          | LI Qu                                            | al. (pres/a<br>an. (s/are: | ios) vacuu<br>a) Vacuum | 10575<br>10575                                | 5-95     |                  | (Q1           | I)<br>OTY   | ')            |              |                |                    | ng Water            |                                         |                                        |            |
| ☐ AHERA                                            | (QTY)                   |           |          |                                                  | an. (s/are:                |                         |                                               |          |                  |               |             | •             |              |                | Waste '            | Water               | (OTY)                                   |                                        |            |
| ☐ NIOSH 7402                                       | (QIY)                   | (OTY)     |          | TEM Wat                                          | er e                       |                         |                                               |          | •••              |               |             |               |              |                | Dust W             | řipe Furnaco (wip   | e type                                  | _)                                     | (QTY)      |
| PLM Bulk                                           |                         |           |          | i Qu<br>Der                                      | al. (pres/a<br>.AP 198.2   | /EPA 100                | 7                                             | (Q1      | Y)<br>(OT        | <b>Y</b> )    |             |               | N            | Aold -         | Direct             | Microscopic An      | alvsis                                  |                                        |            |
| ☐ EPA 600 - Visual Es                              | timate(Q'               | ry)       |          | ÖE                                               | A 100.1_                   |                         | (Q                                            | TY)      |                  | -,            |             |               |              |                | Spore-             | Tran (OT)           | r) □ Bulk                               | _(QTY)                                 |            |
| NY State Friable 198                               | (QTY)<br>3.1(QTY)       |           |          | Ti An                                            | samples                    | moreived i              | n good                                        | condit   | ion unl          | ess orb       | erwis       | c noted       |              | <u> </u>       | Surface            | e Swab(C            | (TY) ☐ Surface Vac<br>FY) ☐ Other (Spec | uam Dust                               | (QTY)      |
| Grav. Reduction ELA                                | AP 198.6(               | QTY)      |          |                                                  | i Water sa                 |                         |                                               |          |                  |               |             |               | .            | Ų.             | Surface            | e Tape(Q            | (Special                                | ııy                                    | (Q(1)      |
| Other (specify                                     | SAMPLE INFORMAT         | (QTY)     |          | <u></u>                                          |                            | ANALY                   | SIS                                           |          |                  |               | . 1         | MATR          | ıx           |                | ~                  |                     | CLIENT CONT                             | ACT                                    |            |
| CLIENT ID                                          | SAMPLE LOCATION/        |           | VOLUME   |                                                  | 13/                        | ANALY                   | 7 9                                           | 10       | 1 = .            | / ¾           | / క్రో      | / <b>#</b> @# | / 83         | APE /          | SWAB               | / a                 | ABORATORY STA                           | EE ONLY)                               |            |
| NUMBER                                             | IDENTIFICATION          |           | (LITERS) |                                                  |                            | 2/5                     |                                               | 1 3      | <del>  ~  </del> | ~~            | ಳಿ          | 1 2 40        | 7 35         | / F4           | 1 2                |                     |                                         |                                        | Bv:        |
| 20070104TWR3 01                                    | Floor                   | ાોન       |          | 4"×4"                                            | <b>-</b>                   |                         | 个                                             |          |                  |               | 1           | <del> </del>  |              |                |                    | Date/Time:          | Contac                                  | ic                                     | <u> </u>   |
|                                                    | Floor                   | <b></b>   |          | <del></del>                                      | -                          |                         |                                               | -        |                  |               | +           | +-            | <del> </del> |                | ·                  |                     |                                         |                                        |            |
| ***************************************            | Floor                   | ļ         | <u> </u> | <del>                                     </del> | ļ                          |                         |                                               | <u> </u> |                  |               | +           | +             | ļ            |                | <del> </del>       |                     |                                         |                                        |            |
|                                                    | will L                  |           |          | 1-1-                                             | <u> </u>                   |                         | -                                             | ļ        | ļ                |               | +           | -             |              | <del> </del>   |                    | ļ                   |                                         |                                        |            |
| 05                                                 | Well L                  |           |          | 1 1                                              | <b> </b>                   |                         | 11                                            | ļ        | <u> </u>         |               | +           |               | ļ            |                | <del> </del>       | Date/Time:          | Contac                                  | it:                                    | By:        |
| 56                                                 | Wall R                  |           |          |                                                  |                            |                         | 44                                            | <u> </u> | -                |               | 4           |               | ļ            |                | -                  |                     |                                         |                                        |            |
| רל                                                 | Wall R                  |           |          |                                                  |                            |                         |                                               | ļ        |                  |               | $\perp$     |               | ļ            |                |                    |                     |                                         |                                        |            |
| ୦୧                                                 | Wall Iran               |           |          |                                                  |                            |                         |                                               |          |                  |               | $\perp$     |               | <u> </u>     |                | ļ                  |                     |                                         |                                        |            |
| 09                                                 | Wall 1                  |           |          |                                                  |                            |                         |                                               |          |                  |               |             |               | 1            | ļ              | ļ                  | Date/Time:          | Contac                                  | et:                                    | By:        |
| lo                                                 | Wall                    |           |          |                                                  |                            |                         |                                               |          |                  |               |             |               |              |                |                    |                     |                                         |                                        |            |
|                                                    | Well                    | 1         |          |                                                  |                            |                         |                                               |          |                  |               |             |               |              |                |                    |                     |                                         |                                        | <u></u>    |
|                                                    | WELL Y                  |           |          |                                                  |                            |                         | Π,                                            |          |                  |               | $\prod_{i}$ |               |              |                |                    | İ                   |                                         |                                        |            |
| 20070104TWR3 13                                    |                         | A         | ,        | T                                                |                            |                         | $\top V$                                      |          |                  |               | V           |               |              |                |                    |                     |                                         |                                        |            |
| I ARODATORY STA                                    | REONLY: (CUSTOD         | Y)        |          | - The                                            |                            | ` -                     | •                                             |          |                  | on-           | -R          | es            | 001          | nsi            | ve                 | · N                 | on-Resp                                 | onsive                                 | A          |
| LABORATORY STA<br>1. Date/Tim                      | e RCVD: /               | 5         | 12a      | @KD30                                            | Via: te                    | d E                     | <u>(C                                    </u> | By (Pri  | nt               |               |             |               |              |                |                    | Sign: _             |                                         |                                        |            |
| 2 Date/Tim                                         | e Analyzed:/            | ,         | /        | · @                                              | By (Pr                     | int):                   |                                               | -        |                  |               |             |               | . 5191       | i:             |                    |                     |                                         | Non                                    | -Responsiv |
| 2 Daculte D                                        | eported To:             |           |          |                                                  | (11                        | Via                     | 0~                                            | 7        | _Date            |               | <u> </u>    | 1_6           | _7           | $\mathcal{L}$  | _ Ti               | me:                 |                                         | Initials                               |            |
|                                                    | -                       |           |          |                                                  |                            |                         | -                                             | \<br>    |                  |               | T           |               | ,            |                |                    |                     |                                         |                                        |            |
|                                                    | Reading Room            |           |          |                                                  |                            | DEST AV                 | AILAI                                         | SEE C    | OPY              |               |             |               |              |                |                    |                     | d Record #J-15-0                        | •                                      |            |
| May, 2018                                          |                         |           |          |                                                  |                            |                         |                                               |          |                  |               |             |               |              |                |                    | Released            | l by National Gua                       | ru Bureau                              |            |

**BEST AVAILABLE COPY** Towson (Ruhi) #3 14/2007 ① Rear Well Back Well



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Townson (Ruhl) Clear #3

Chain Of Custody:

159351

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Townson (Ruhl) Armory

Date Submitted:

1/5/2007

1/5/2007

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

05~Jan~07

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page I of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | rtiog<br>mit | F   | inal Res | alt            | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|--------------|-----|----------|----------------|----------|
|                      |                         |               |             |                   |                     | •      |              |     |          |                |          |
| 0722948              | 20070104TWR3 01         | Flame         | Wipe        | ***               | 0.111               | 108-01 | ug/ft²       | <   | 110      | ug/ft²         |          |
| 0722949              | 20070104TWR3 02         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       | <   | 110      | ug/ft²         |          |
| 0722950              | 20070104TWR3 03         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       | <   | 110      | ug/ft²         |          |
| 0722951              | 20070104TWR3 04         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |     | 210      | ug/ft²         |          |
| 0722952              | 20070104TWR3 05         | Flame         | Wipe        | ****              | 0.111               | 108.03 | ບg/ft²       |     | 350      | ug/fl²         |          |
| 0722953              | 20070104TWR3 06         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       | <   | 110      | ug∕ft²         |          |
| 0722954              | 200701041 WR3 07        | Flame         | Wipe        | <b>帕琳培</b> 塞      | 0.111               | 108.01 | ug/ft²       |     | 230      | ug/ft²         |          |
| 0722955              | 20070104TWR3 08         | Flame         | Wipc        | ****              | 0.111               | 108.01 | ug/ft²       |     | 5400     | ug/ft²         |          |
| 0722956              | 20070104TWR3 09         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       | <   | 110      | ug/ft²         |          |
| 0722957              | 20070104TWR3 10         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       |     | 3500     | ug/ft²         |          |
| 0722958              | 20070104TWR3 11         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²       | <   | 110      | <b>ս</b> ջ/ft² |          |
| 0722959              | 20070104TWR3 12         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |     | 5400     | ug/ft²         |          |
| 0722960              | 20070104TWR3 I3         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²       |     | 370      | ug/ft²         |          |
| 0722961              | 20070104TWR3 14         | Flame         | Wipe        | ****              | 0.111               | 108 01 | ug/ft²       | <   | 110      | ug/ft²         |          |
| 0722962              | 20070104TWR3 15         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/lt²       | <   | t10      | ug/ft²         |          |
|                      | 20070104TWR3 16         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug           | <   | 12       | ug             |          |
| 0722963              |                         |               | Wipe Blank  | ****              | N/A                 | 12.00  | ug           | . < | 12       | ug             |          |
| 0722964              | 20070104TWR3 17         | Flame         | wipe Blank  |                   | 19//1               | 14.00  | ug           |     | •-       | -0             |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services. Inc.

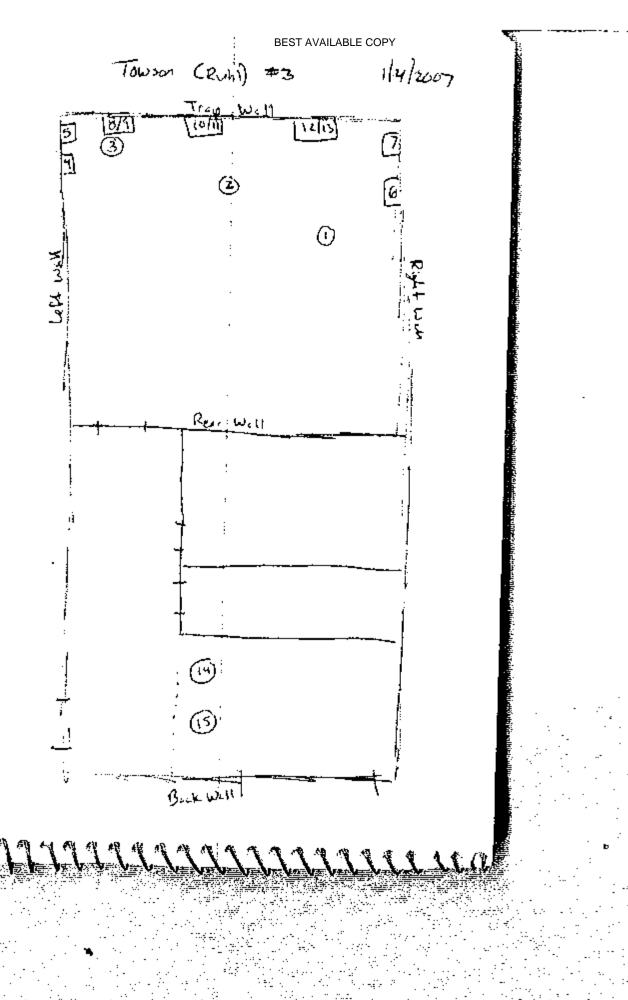


### **CHAIN OF CUSTODY**

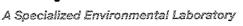
(Please Refer To This Number For Inquires) 159351

Page 491 of 5269

| Mailing/Billing Informa                        | tion:                              |          |           |                 |               |           | Submi                                              | ttal Ini | format   | ion:        |             |                  | 0                                             | `                            |                                        | . ## 2                  |                                   |               |
|------------------------------------------------|------------------------------------|----------|-----------|-----------------|---------------|-----------|----------------------------------------------------|----------|----------|-------------|-------------|------------------|-----------------------------------------------|------------------------------|----------------------------------------|-------------------------|-----------------------------------|---------------|
| 1. Client Name: NG                             | Es Region 12                       | 2 c Ha   | 114       |                 | ·             |           | 1. Jol                                             | Name     | :        | 10W.        | / ن د       |                  | Kunl                                          |                              |                                        |                         |                                   |               |
| 2. Address 1: 301 - 1                          | H OID BAY                          | Lane     |           |                 |               |           | 2. Jo                                              | Locat    | ion:     | بيادا       | -01         | بر رو            | MN I                                          | <i>1E</i>                    |                                        |                         |                                   |               |
| Address 2: Havet     Address 3:                | de Crrace M                        | 0 2      | 1078      |                 | <del></del>   |           | 3. Jo                                              | )#:      |          | Non-        | -R          | espo             | nsiv                                          | <u>~~~~</u>                  | _ P.O.                                 | #:                      | 410 647 at                        | 773           |
| 4. Address 3:                                  |                                    |          |           | 4.40            | - 250         |           | 4. Co                                              |          |          |             |             | оорс             |                                               |                              |                                        | @ phone #               | Pesnonsive                        |               |
| 5. Phone #: 410 4                              | 42 0213                            | _ Fax #: | _410      | 442             | 0237          |           | 5. Su                                              |          | 1 by:    |             | · A         |                  | · Mars d'a                                    | <br>                         |                                        | ignature:               | 410 942 of<br>Responsive          |               |
| Date & Time Results Req                        | ld data sheets with res            | nts<br>V | Report    | ing Inform      | aatton (      | Kesuits   | WHE D                                              | e provi  | 10.00 as | 5000 a      | as u<br>Imm | ocumu:<br>nd Afr | нцу те                                        | asuone<br>re* T              | ):<br>124hr                            | After-Hours*            | ate-Night* (*must be p            | re-scheduled) |
| O Verbals:                                     | jured:/                            |          | -100-4    | Eas Con         | JAL 2         | , III     | rotik [_                                           | in fα    |          | , + 🗀       | , in the    |                  | -1100                                         |                              | Fmail                                  | Conv                    | ·                                 |               |
|                                                | _ @ cen #                          |          |           | TEM Bull        |               |           |                                                    | W 1,4    | W. 97    |             |             | -                |                                               |                              | nalysis                                |                         |                                   |               |
| Asbestos Analysis  PCM Air - Please Indicate F | filter Type:                       |          |           |                 |               | 4/Chatfid | dd                                                 |          | (QTY     | )           |             |                  | -                                             |                              | Paint C                                | No (O                   | TY) .—                            |               |
| PC MCE Porosity                                | in a 25mm 37mm                     |          |           | יא 🚨 יי         | State P       | LM/TEN    | EM(QTY) St Dust Wipe (wipe type 6 he>+ ) 1 / (QTY) |          |          |             |             |                  |                                               |                              |                                        |                         |                                   |               |
| ☐ NIOSH 7400<br>☐ Fiberglass                   | (QTY)                              |          |           |                 |               | sh        |                                                    | (QTY)    | )        |             |             |                  |                                               | ☐ Air(QTY) ☐ Soil/Solid(QTY) |                                        |                         |                                   |               |
| TEM Air - Please Indicate F                    | ilter Type:                        |          |           | TEM Dus         | al. (pres     | /abs) Vac | cuum/Di                                            | ıst      |          | (QT)        | <b>?</b> )  |                  |                                               | Ü,                           | rclp_                                  | (QTY)                   |                                   |               |
| PC MCE Porosity                                | in a 25mm 37mm                     |          |           | Πoι             | an. (s/ar     | ea) Vacu  | um D57                                             | 55-95_   |          | (0          | <b>YTC</b>  | n                |                                               | <u> </u>                     | Drinkin                                | ng Water                | _(QTY)                            |               |
| ☐ AHERA<br>☐ NIOSH 7402                        | (Q1 Y)<br>(OTY)                    |          |           | ☐ Qu<br>TEM Wat |               | ea)Dust   | D6480-9                                            | 99       |          | _(QTY       | 0           |                  |                                               | O I                          | Waste \                                | Water(                  | (Q1Y)<br>pe)                      | (OTY)         |
| Other (specify                                 | )                                  | (QTY)    |           |                 | iai. (nres    | /abs)     |                                                    | (QT      | Y)       |             |             |                  |                                               |                              |                                        |                         |                                   |               |
| PLM Bulk  EPA 600 - Visual Est                 | timate(Q                           | CY)      |           | Q EI            | AP 198.       | 2/EPA 1   | 00.2                                               |          | (Q1      | <b>Y</b> )  |             |                  | N                                             | fold -                       | Direct                                 | Microscopic Analys      | is<br>Ones (OTY)                  |               |
| EPA Point Count                                | (OTY)                              | -        |           |                 |               |           |                                                    |          |          |             |             |                  |                                               |                              | Spore-<br>Surface                      | irap(Qit)<br>eSwab (OTY | ☐ Bulk (QTY) ☐ Surface Vacuum Dus | t(OTY)        |
| NY State Friable 198                           | AP 198.6(QTY)                      | YTV\     |           | Ç <b>X</b> A    | l sample      | s receive | d in goo                                           | d condi  | tion unl | ess othe    | rwi         | se noted         | .                                             | ā.                           | Surface                                | e Tape(QTY)             | Other (Specify                    | (QTY)         |
| Other (specify                                 | (F 196.0(                          | (QTY)    |           | (TEX            |               | amples.   |                                                    |          |          | <del></del> |             |                  |                                               |                              |                                        |                         |                                   |               |
|                                                | SAMPLE INFORMATI                   |          | VOLUME    | TUTTOE          | 1 -           | ANAI      | LXSIS                                              | . , 3    | 1.       | 1 3 1       | 1 5         | MATRI            | [X<br>∀/ #2•                                  | / (2)                        | 1 9                                    | , c                     | LIENT CONTACT                     |               |
| CLIENT ID<br>NUMBER                            | SAMPLE LOCATION/<br>IDENTIFICATION | DATE     | (LITTERS) | AREA            |               | ANAI      | 2 3                                                | ∫ ફ્રે   | <u> </u> | 2           | Š           | 1848             | 1 8 5                                         | Z.                           | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | (LABC                   | DRATORY STAFF ONL                 | Y)            |
| 20070104TWR3 01                                | Floor                              | 114      |           | 4"x4"           |               |           | _\ <b>×</b>                                        |          |          | i           | 泍           | 1                |                                               |                              |                                        | Date/Time:              | Contact:                          | By:           |
|                                                | Floor                              |          |           |                 |               |           |                                                    |          |          |             | 4           |                  |                                               |                              | ļ                                      |                         |                                   |               |
| 63                                             | Floor                              |          |           |                 |               |           |                                                    |          | igspace  | <u> </u>    | 4           | ·                |                                               |                              |                                        |                         |                                   |               |
| 64                                             | wii L                              |          |           |                 | L             |           |                                                    |          | ļ        |             | 4           |                  | ļ                                             |                              |                                        |                         |                                   |               |
| 05                                             | Well L                             |          |           |                 |               |           |                                                    |          |          |             | 1           |                  | ļ                                             | <b></b>                      | ļ                                      | Date/Time:              | Contact:                          | By:           |
| ひし                                             | Wall R                             |          |           |                 |               |           |                                                    |          | <u> </u> |             | 4           |                  | ļ                                             |                              |                                        |                         |                                   |               |
| רס                                             | Wall R                             |          |           |                 |               |           |                                                    |          | ļ        |             | 1           |                  | ļ                                             | ļ                            | ļ                                      | <u> </u>                |                                   |               |
| 68                                             | Wall Trap                          |          |           |                 |               |           |                                                    |          |          |             | 4           |                  | <u> </u>                                      |                              | <u> </u>                               |                         |                                   |               |
| 09                                             | Well !                             |          |           |                 | 1             |           |                                                    |          |          |             | _           |                  | ļ                                             |                              | ļ                                      | Date/Time:              | Contact:                          | Bv:           |
| lo                                             | Wall                               |          |           |                 |               |           |                                                    |          | 1        |             | 4           |                  |                                               |                              | ļ                                      |                         | <del></del>                       |               |
| 11                                             | Well                               |          |           | <u> </u>        |               |           |                                                    |          | 1        |             | 1           |                  |                                               | <u> </u>                     | ļ                                      |                         |                                   |               |
| 12                                             | WELL V                             |          |           |                 |               |           |                                                    | ,        |          |             | بلد         |                  | <u> </u>                                      | <u> </u>                     |                                        |                         |                                   |               |
| 20070104 TWR3 13                               | Wall Trop                          | V        | \         | V               |               |           | Y                                                  | Ш        |          |             | V           |                  |                                               |                              | Ц.                                     | Non                     | Pagnanai                          |               |
| LABORATORY STA  1. Date/Tim                    | FF ONLY: (CUSTOD                   | Y)       |           | E 57 V          | 7             | ک الحہ    | 258                                                |          | N        | on-         | ·K          | es               | por                                           | 1SI                          | ve                                     |                         | -Responsiv                        | ve            |
| 1. Date/Tim                                    | e RCVD:/                           | 5_/      | <u> </u>  | ® <u>1020</u>   | Via:t         | 0 1       | _X                                                 | _By (Pri | int):    |             |             |                  |                                               |                              |                                        | Sign:                   |                                   | -4-4          |
| 2. Date/Tim                                    | e Analyzed:/                       |          | . /       | @               | <u>—</u> Ву ( | rint):    |                                                    |          |          |             |             |                  | Sign                                          |                              |                                        |                         |                                   | Non-Responsi\ |
| 3. Results R                                   | eported To:                        |          |           |                 |               | Via       | حرالياً ::                                         |          | Date     | :           | -           | <u>/</u>         | <u>,    /                                </u> |                              | _ Ti                                   | me:                     | Initials                          |               |
|                                                | Reading Room                       |          |           |                 |               |           | -                                                  | ABI F    | COPY     |             | ١           |                  |                                               |                              |                                        | EOIA Doguested          | Record #J-15-0085 (N              |               |
| May, 2018                                      | Troduing Mooni                     |          |           |                 |               |           |                                                    |          |          |             |             |                  |                                               |                              |                                        |                         | y National Guard Bure             |               |



BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson, Ruhl Armory

Chain Of Custody:

148418

Address: 301

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

12/8/2006

12/8/2006

5

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided

Person Submitting: Date Analyzed: Non-Responsi

Report Date:

08-Dec-06

Attention:

Non-Responsive

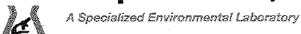
Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample Client San<br>Number Number |                | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | I | Final Rest | ilt    | Comments |
|----------------------------------------|----------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|------------|--------|----------|
| 0718254                                | TOW-120606-001 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 2500       | ug/ft² |          |
| 0718255                                | TOW-120606-002 | Flame         | Wipe        | क्षे के के        | 0.111               | 108.01 | ug/ft²         |   | 4400       | ug/ft² |          |
| 0718256                                | TOW-120606-003 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 370        | ug/ft² |          |
| 0718257                                | TOW-120606-004 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110        | ug/ft² |          |
| 0718258                                | TOW-120606-005 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110        | ug/ft² |          |
| 0718259                                | TOW-120606-006 | Flame         | Wipe        | <b>种映敏</b>        | 0.111               | 108.01 | ug/ft²         | < | 110        | ug/ft² |          |
| 0718260                                | TOW-120606-007 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 240        | ug/ft² |          |
| 0718261                                | TOW-120606-008 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 420        | ug/ft² |          |
| 0718262                                | TOW-120606-009 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 770000     | ug/ft² |          |
| 0718263                                | TOW-120606-010 | Flame         | Wipe        | who who sho sho   | 0.111               | 108.01 | ug/ft²         |   | 86000      | ug/ft² |          |
| 0718264                                | TOW-120606-011 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 2100       | ug/ft² |          |
| 0718265                                | TOW-120606-012 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110        | ug/ft² |          |
| 0718266                                | TOW-120606-013 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         | < | 110        | ug/ft² |          |
| 0718267                                | TOW-120606-014 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 120        | ug/ft² |          |
| 0718268                                | TOW-120606-015 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 490        | ug/ft² |          |
| 0718269                                | TOW-120606-016 | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 270        | ug/ft² |          |
| 0718270                                | TOW-120606-017 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 430        | ug/ft² |          |
| 0718271                                | TOW-120606-018 | Flame         | Wipe        | sia sia sia sia   | 0.111               | 108.01 | ug/ft²         |   | 240        | ug/ft² |          |
| 0718272                                | TOW-120606-019 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 800        | ug/ft² |          |
| 0718273                                | TOW-120606-020 | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 380        | ug/ft² |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Towson, Ruhl Armory

Chain Of Custody:

148418

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

associated with these samples.

12/8/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

12/8/2006

Report Date:

08-Dec-06

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| AMA Sample Client Sample<br>Number Number |                          | Analysis Type       | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) | •      | orting<br>imit | F          | inal Res  | ult              | Comments      |
|-------------------------------------------|--------------------------|---------------------|---------------------|-------------------|---------------------|--------|----------------|------------|-----------|------------------|---------------|
| 0718274                                   | TOW-120606-021           | Flame               | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 780       | ug/ft²           |               |
| 0718275                                   | TOW-120606-022           | Flame               | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 250       | u <i>g∕f</i> t²  |               |
| 0718276                                   | TOW-120606-023           | Flame               | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0718277                                   | TOW-120606-B1            | Flame               | Wipe                | ***               | 0.111               | 108.01 | $ug/\Omega^2$  | <          | 110       | ug/ft²           |               |
| 0718278                                   | TOW-120606-B2            | Flame               | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| 0718279                                   | TOW-120606-B3            | Flame               | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         | <          | 110       | ug/ft²           |               |
| nalvsis Method t                          | for Flame: Air, Wipes, F | Paints, and Soil/So | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r: SM-3111B         | See QC | Summary fo     | r analytic | al result | s of quality cor | ntrol samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.

Analys

An AIHA (#8863), NVLAP (#108E45) AVAILABLES CONTAP (#10920) Accredited Laborato FOIA Requested Record #J-15-0085 (MD) Posted to NGB FOIA Reading Room May, 2018 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2849 eased by National Guard Bureau





### QC Summary

Sample Delivery Group: 14128

Analysis Type:

Flame

Semple Type:

Wine

Analysis Date:

12/8/2006

| Reau | lt. |
|------|-----|
|      |     |

Percent Recovery Comment

| Prep | erat | 101 | n Lilot | 18. |     |   |  |
|------|------|-----|---------|-----|-----|---|--|
|      |      |     |         |     | - 1 | _ |  |

-0.049 ppm

Acceptable

Report Limit Verification Sample

0.3386 ppm

101.6%

Acceptable

Expected Spike Level (ppm)

\_\_\_

mg/Kg

mg/Kg

Acceptable

Duplicate Sample 2

Matrix Spike Analysis

Duplicate Sample 1

Spiked Sample

86,32%

Acceptable

Spike Duplicate

Acceptable

Leboratory Control Sample I Leboratory Control Sample 2

264.421 µg

ΗB

291,368

88,95% 87,29%

1.88%

RPD

Acceptable

Acceptable

#### Calibration Information

Correlation of Calibration Curvo:

0.998357

0.3333

All calibration verification samples are within acceptance Bmits.

Notes:

Samples Included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

148418

18250 18255 TOW-120606-001

148418 SDG Number:

14128

TOW-120606-002

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 148418           | 18256             | TOW-120606-003       |
| 148418           | 18257             | TOW-120606-004       |
| 148418           | 18258             | TOW-120606-005       |
| 148418           | 18259             | TOW-120606-006       |
| 148418           | 18260             | TOW-120606-007       |
| 148418           | 18361             | TOW-120606-008       |
| 148418           | 18262             | TOW-120606-009       |
| 148418           | 18263             | TOW-120806-010       |
| 1-18-118         | 18264             | TOW-120606-011       |
| 148418           | 18265             | TOW-120606-012       |
| 148418           | 18266             | TOW-120606-013       |
| 148418           | 18267             | TOW-120606-014       |
| 148413           | 18268             | TOW-120606-015       |
| 148418           | 18269             | TOW-120606-016       |
| 148418           | 18270             | TOW-120696-017       |
| 214841           | 18271             | TOW-120606-018       |
| 148418           | 18272             | TOW-120606-019       |
| 148418           | 18273             | TOW-120606-020       |

SDG Number: 14128 Page 2 of 2





### QC Summary

Sample Delivery Group: 14129

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

12/8/2006

90,04%

2.22%

|                                   | Re      | sult  | Percent<br>Recovery | RPD | Commont    |
|-----------------------------------|---------|-------|---------------------|-----|------------|
| Preparation Blank                 | 0.014   | ppu   |                     |     | Acceptable |
| Report Limit Verification Sample  | 0.2885  | ppm   | 86,6%               | •   | Acceptable |
| Expected Spike Level (ppm) 6 3333 |         |       |                     |     |            |
| Duplicate Sample 1                |         | ωg/Kg |                     |     |            |
| Duplicate Sample 2                |         | mg/Kg |                     |     | Acceptable |
| Matrix Spike Analysis             |         |       |                     |     |            |
| Spiked Sample                     |         |       | 82.67%              | •   | Acceptable |
| Spike Duplicate                   |         |       |                     |     | Acceptable |
| Laboratory Control Sample I       | 272,R42 | μв    | 88.07%              |     | Acceptable |

282,737

#### Calibration Information

Laboratory Control Sample 2

Correlation of Calibration Curve:

0.998357

All calibration verification samples are within acceptance limits.

Notes:

| Chain Of Custoe | iy - AMA Sample Number - | Client Sample Number |
|-----------------|--------------------------|----------------------|
| 148418          | 18274                    | TOW-120606-021       |
| 148418          | 18275                    | TOW-120606-032       |
| SDG Number:     | 14129                    |                      |

Page 1 of 2

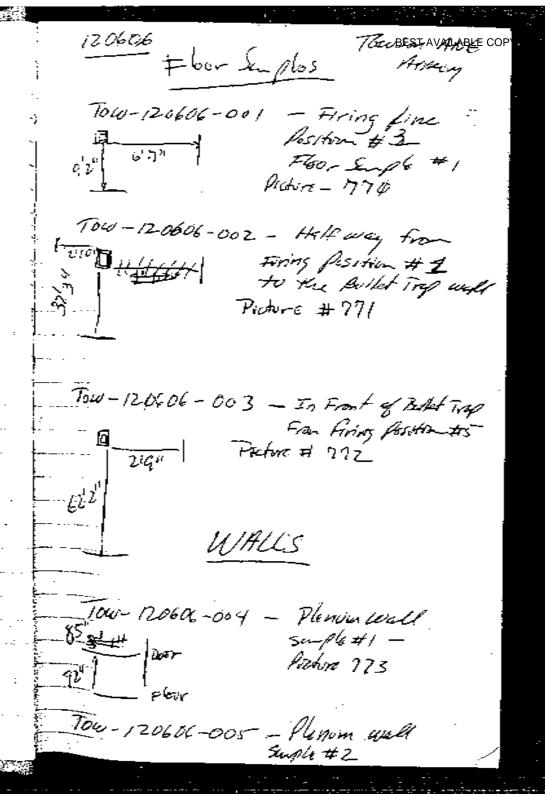
Acceptable

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 148418           | 18276             | TOW-120606-023       |
| 148418           | (8277             | TOW-120606-D1        |
| 148418           | 18278             | TOW-120606-332       |
| 148418           | 18279             | TOW-120606-333       |
| 148419           | 18280             | WES-120606-001       |
| 148419           | 18281             | WES-120606-002       |
| 148419           | 18282             | WES-120606-003       |
| 148419           | 18283             | WES-120606-004       |
| 148419           | 18284             | WES-120606-005       |
| 148419           | 18285             | WES-120606-006       |
| 148419           | 18286             | WES-120606-007       |
| 148419           | (8287             | WES-120606-008       |
| 148419           | 18288             | WES-120606-009       |
| 148419           | 18289             | WES-120606-010       |
| 148419           | 18290             | WES-120606-011       |
| 148419           | 18291             | WES-120606-012       |
| 048419           | 18292             | WES-120606-013       |
| 148419           | 18293             | WES-120606-014       |

SDG Number: 14129 Page 2 of 2

| SURFACE WIPE SAMPLING SHEET                                      |                                  |              |          |
|------------------------------------------------------------------|----------------------------------|--------------|----------|
| Industrial Hygiene Surface V                                     | Vipe Sample Sh                   | eet          |          |
|                                                                  | Point of Contact                 |              |          |
| Region North IH                                                  | lon-Responsive <sub>[10-9]</sub> | 42-0273, Ext | . 23     |
| 301-IH Old Bay Lane                                              | Samples Collected                |              |          |
| Havre De Grace, MD 21078                                         | Non-Responsive                   |              |          |
| Sampled Facility                                                 |                                  |              | l"       |
| Towson, Ruhl Armory                                              | Towson                           | MD           |          |
| Description of Operation: Converted IFR                          |                                  |              |          |
| Analysis Desired: Lead                                           | Date Collected:                  | Date Shippe  | ed       |
| 7 11 11 11 11 11 11 11 11 11 11 11 11 11                         | 6-Dec-06                         |              |          |
| Sampling Data                                                    |                                  |              |          |
| Location                                                         | Sample #                         | Results      | Remarks  |
|                                                                  | TOW-120606001                    | Nesuits      | Kemarko  |
| Firing line pos. 3 (9.2' rear wall/6.6' rt. wall)                | 1000-12000001                    |              |          |
| Halfway from firing lane 1 to bullet trap wall (37.3' rear       | TOM 400000000                    |              |          |
| wali/2.8' left wali)                                             | TOW-120606002                    | <u> </u>     |          |
| In front of bullet trap, firing lane 5 (66.2' rear wall/2.8' rt. | TOW-120606003                    |              |          |
| Rear wall (7.1' range door/6' up)                                | TOW-120606004                    |              |          |
| Rear wall (1.3'up/0.7' rt. wall)                                 | TOW-120606005                    |              |          |
| Rt. wall, firing lane 5 by middle receptical (21.3' rear         | TOLN 400000000                   |              |          |
| wall/5.3' up)                                                    | TOW-120606006                    |              | <b>_</b> |
| Rt. wall, firing lane 5, next to power box, in front of bullet   | TOLE 400000007                   |              | ļ        |
| trap (53.8 rear wall/2.3' up)                                    | TOW-120606007                    |              |          |
| Rt wall, firing lane 5, inside bullet trap (9.2' rear wall/6'    |                                  |              | 1        |
| up)                                                              | TOW-120606008                    |              |          |
| Trap wall (5' to bullet trap/6.7' up)                            | TOW-120606009                    |              | ļ        |
| Trap wall (5.7' to bullet trap/8' up)                            | TOW-120606010                    |              |          |
| Left wall, firing lane 1, next to trap wall (5.7' bullet         |                                  |              |          |
| trap/1.3' up)                                                    | TOW-120606011                    |              |          |
| Left wall, firing lane 1, halfway to trap wall (51' rear wall/6' |                                  | ļ            | -        |
| up)                                                              | TOW-120606012                    |              | <u></u>  |
| Left wall, firing lane 1, close to door (3.2' rear wall/1.3'     |                                  |              |          |
| up)                                                              | TOW-120606013                    |              |          |
| Light fixture next to bullet trap                                | TOW-120606014                    |              |          |
| Heater next to left wall and bullet trap                         | TOW-120606015                    |              |          |
| Floor 8.5' outside range door                                    | TOW-120606016                    |              |          |
| Floor outside hall 17' from range door                           | TOW-120606017                    |              |          |
| Floor outside hall 36.8' from range door                         | TOW-120606018                    |              |          |
| Floor inside room next to range (4.3' to door/8.5' to wall)      | TOW-120606019                    |              | <u> </u> |
| Floor inside room next to range left wall (36.8' to rear         |                                  |              |          |
| wall)                                                            | TOW-120606020                    |              |          |
| Floor inside cage next to room adjacent to range (11.3' to       |                                  |              |          |
| door/3.3' to wall)                                               | TOW-120606021                    |              |          |
| Hall floor outside restricted area to range (5.7' to             |                                  |              |          |
| door/12.7' to restricted area door)                              | TOW-120606022                    |              |          |
| Gym area floor (basketball court) outside restricted area        |                                  |              |          |
| (1.5' to door)                                                   | TOW-120606023                    |              | 1        |
| Inside Range                                                     | TOW-1206060B1                    |              |          |
| Inside Range                                                     | TOW-1206060256                   | 2            |          |
| Inside Range                                                     | TOW-120606028%                   |              | 1        |
| Thomas Trango                                                    |                                  | 1            |          |
|                                                                  |                                  |              | <u> </u> |
| Comments to Lab:                                                 |                                  |              | -        |
| Administra to Fast                                               |                                  |              |          |



TOW-120606-006- Right soch well from 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will form 5th will for 5th will form 5th will form 5th will form 5th will form 5th will

75

70W-120606-007- Right Wald

From 5th Foring factor

Next to forwer by

and in front of Bollad

Trap

27"

127"

27"

38x17=6461:2=53.8"

27/10:= 2.3"

TOW-120606 - 008- Toght well

For Firing forton #5

Ingh the Bullet Trap

Port# 778

65x17=110,5/12=9,2'

9x8=72112=10'

| TOW-120606-009 - Billet Trap                                                                    |
|-------------------------------------------------------------------------------------------------|
| - D 3.5 well talond                                                                             |
|                                                                                                 |
| 916 # 179<br>35717=915112-51                                                                    |
| 35717=59.5/12=51<br>10 10 X8=80"=6.7"                                                           |
| TOW-120606-010 - Wall Betten!                                                                   |
| 0 11 1 1 .                                                                                      |
| Ed + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +                                                        |
|                                                                                                 |
| HX17 = 68/12-5.7                                                                                |
| 12 78 596/12=8                                                                                  |
|                                                                                                 |
| ······································                                                          |
| TOW-120606-011-51 WAH Left of                                                                   |
| - To bill beak Ring forther #1                                                                  |
| 2 2x4 blis build 144                                                                            |
| 12 3 X 3 5 10 12 back with 1 pict 478                                                           |
| 100 - 17,0006 -017, well lett of order                                                          |
| 51 Postin # 1 - half way  9 36×17 = 61×10 to the brush wall  9 36×17 = 1210 0 30 31 3.3 Pa #782 |
| - 10 21x 17 = 617 to the bank wall                                                              |
| 9×9= 121000 2426127/12 4782                                                                     |
|                                                                                                 |
| 2.25 mas 2.76= W/ / Poster # 1 - Close to                                                       |
|                                                                                                 |

### TIX TYPES

TOW-120606-084 - Light Foxture Mast to bullet Traf first # 784

TOW-120606-DIT - Hector wort to Left will and buillet say world

ADJACRUT APRIS

TOW-120606-016- Floor about the 16x17=102"/12= Page Door-

TOW-120606-017- Plan octob Hall 12 12417= Range Par, Per # 20112=77 Part # 286

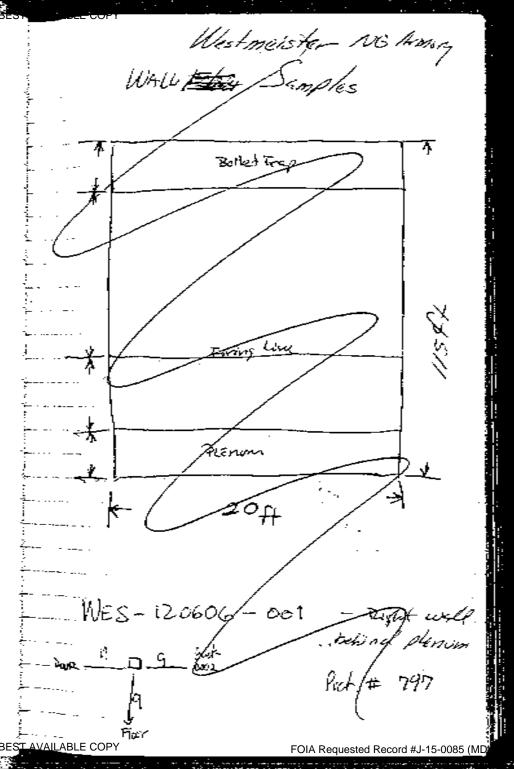
TOW-120606-018- Floor outsill Hold 26 1 26×170 5 for the regaliter 442112-3615 Pet # 291/299

CINDIE BLOCK Tow-120606-019 - Floor inset room De 3 1/2=4,25 wat to raise -Wall ... (42+ # 789 6×17=102/17=5,5 Tow-120606-020 - Floor inside room west to range oposts TOW-120606 - 021 - Floor indich Footborn 200 15 well book to page adjust \$ 5x 8 40m 13 feet # 791/192 TOW-120606-022-57 Hall outside the DON TORED AND ERRY LESPANTED AVER TO 19 (x4) 12.7 fee # 783 TRESTACT GARD A DOCK TOW-126606-023 Floor of the Gym and (Bukethall ant). Outstar resmit gret # 294 

TOW-120606-B1-Install

TOW- 120606 - BZ - Outside Dange adjust Half

TOW-120686-133- Wheele Range and outsile Restricted are



Posted to NGB FOIA Reading Room

Page 503 of 5269



BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

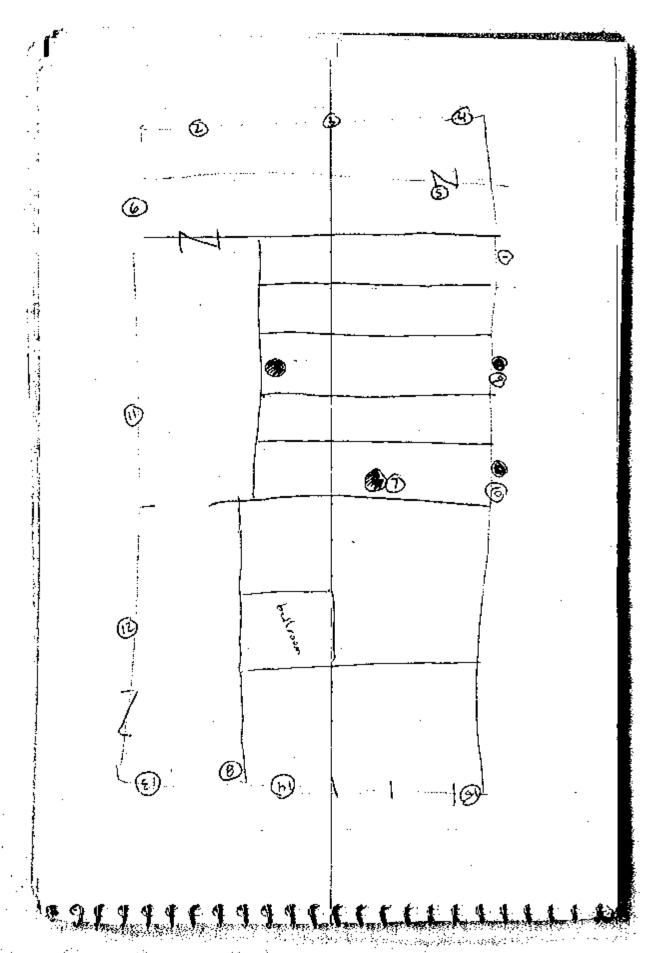
136287

### **CHAIN OF CUSTODY**

| Mailing/Billing Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                 |                    |              |                       |                                         |                          | Submittal Information:  1. Job Name: Towson Armory (Ruhl) |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|--------------------|--------------|-----------------------|-----------------------------------------|--------------------------|-----------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------|--|--|
| 1. Client Name: NGB Region North 1H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                | 014     | LKu           | h1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |                    |  |  |
| 2. Address 1: 301 1H 81d Bay Lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |                 |                    |              |                       |                                         | Job Loca                 | tion:                                                     | 10205                      | 2 ^                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MD                                                                                                                                                                                                                                                                                                             |         |               | ****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |                    |  |  |
| 3. Address 2: Have de Grace MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                 |                    |              |                       |                                         | Job#:                    |                                                           | Mon                        | Posi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | en p                                                                                                                                                                                                                                                                                                           | V/O     | P.O. #:_      | @_phone ;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                    |  |  |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                | ve      |               | @ phone:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | # 410 942                               | <u>0273×25</u>     |  |  |
| 4. Address 3:  4. Contact Person: Non-Responsive  5. Phone #: 410 942 0273 x 25 Fax # 416 942 0254  6. Submitted by: Signature: Non-Responsive  9 Please include COC/field data sheets with results Reporting Information (Results will be provided as soon as technically feasible):  Date & Time Results Required: 1 / 28/15 @ 1030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| ☐ Please include COC/fi Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | eld data sheets with                                | esults<br>705 ( | Report<br>⊚ \OSC   | ing Intorr   | nation (R<br>nd. □24h | esults w<br>r ∏48h                      | all be prov<br>ir 1772hr | ided a                                                    | 5 <b>soon a</b><br>v + 🗀 I | s techi<br>mmd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nically :<br>After-Ho                                                                                                                                                                                                                                                                                          | easible | :<br>24hr Aft | er-Hours* 🗍                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tate-Night≭ (*must                      | the pre-scheduled) |  |  |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | @ cell #                                            |                 | Œ                  | Fax Copy     | r: <u>Ken</u>         | Fors                                    | <u>√+1~</u> @ fi         | ax #                                                      | 10 9                       | 42 C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 254                                                                                                                                                                                                                                                                                                            | P       | mail Cop      | oy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | @                                       |                    |  |  |
| PCM Air – Please Indicate Filter Type:  PC MCE Porosity in a 25mm 37mm  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filter Type:  Indicate Filt |                                                     |                 |                    | TEM Bulk     |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead Analysis  Paint Chip (QTY)  Dust Wipe (wipe type rhand) (QTY)  Air (QTY)  Soil/Solid (QTY)  TCLP (QTY)  Drinking Water (QTY)  Waste Water (QTY)  Dust Wipe Furnace (wipe type (QTY))  Mold - Direct Microscopic Analysis  Spore-Trap (QTY)  Surface Swab (QTY)  Surface Tape (QTY)  Other (Specify (QTY)) |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ))                                                  | _(QTY)          |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         | $T_{i}$            |  |  |
| CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE INFORMA<br>SAMPLE LOCATION<br>IDENTIFICATION | /               | VOLUME<br>(LITERS) | WIPE<br>AREA | / # / £               | ANALYS                                  | MOLD SIE                 | / AIR                                                     | BULK                       | MAT<br>Signal Market                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RIX<br>Şê/Şê                                                                                                                                                                                                                                                                                                   | ZAPE /  | SII/AB        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CLIENT CONTACT<br>BORATORY STAFF O      | Part 1             |  |  |
| 20051199 TOWAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Wall R                                              | 900             | V                  | 4"x4"        |                       |                                         | $\times$                 |                                                           | <b>&gt;</b>                | <b>&lt;</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                |         | 42.45         | ite/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Contact:                                | By:                |  |  |
| 2005 1109 TOW DOZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         | - L           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - Jonata -                              |                    |  |  |
| 20051109TOW 003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 20051109TOW 004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | · · · · · · · · · · · · · · · · · · ·               |                 |                    | ŝ            |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 20051109700005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         | Da            | ate/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Contact:                                | By:                |  |  |
| 20051109 TOW 006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Wall L                                              |                 |                    | 300          |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 20051109TOW 007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         | 49.           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 26051109702008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     | Out of Carlo    |                    | Contract     |                       | *************************************** |                          |                                                           |                            | To the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the |                                                                                                                                                                                                                                                                                                                | 1       |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *************************************** |                    |  |  |
| 20051109700009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Wall 8                                              |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         | Da            | ite/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Contact:                                | By:                |  |  |
| 20051109702010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     | - Income        |                    | - Carre      |                       |                                         | - T                      |                                                           |                            | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                |         |               | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                                         |                    |  |  |
| 2005 1109 TOW 011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9 788                                                                                                                                                                                                                                                                                                          |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 2005 1109700012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                 |                    | Chausa       |                       |                                         |                          |                                                           |                            | å å                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 2005110970W013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     |                 |                    |              |                       |                                         | V                        |                                                           | , ,                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| LABORATORY STAFF ONLY: (CUSTODY)  1. Date/Time RCVD: 1 / US @ 1030 Via: Fed EX By (Print): Non-Responsive Sign:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                 |                    |              |                       |                                         |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 2. Date/Time Analyzed:/ @By (Print):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                 |                    |              |                       | ):                                      |                          |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                | Sign:   |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                    |  |  |
| 3. Results Reported To: Posted to NGB FOIA Reading Room Mat. 2018 ments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |                 |                    |              |                       | BEST                                    | ST-AVAILABLE @\$P\$Y     |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | o <mark>(MiD)</mark>                    |                    |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                 |                    |              |                       |                                         | 1 West                   |                                                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                |         |               | 1 10104004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Page 504 of                             |                    |  |  |

### FITTERIA TOTAL CONTRACTOR

CI from floor Cage 1, RHS wall, circle cage, under corner of conditions 32 blocks from CHS Phones wall, & for floor, 2 blacks abore Trop wall, of from floor top pointed Slock, 5 % blocks well, 2nd black for Roor, adjacent to RHS LISS of entry door Floor, cage closest to trop well, plenum side of cage of electic box LHS, inside "room" refored to trop will, outside "rage" coinci as pullets holding tobers Floor, 1st cage through block will down, it of range es Floor, coins, as plenum well a coping method, outside cage RHS, 3' cage, middle of well, 5th block from show-RHS, 15 Cage. 2nd block from floor, 21/2 blocks from LHS, middle of well, 9 blocks high, end of their conts LHS, under fice extinguished and block from them 17 13. Plenum well, closel to down into armory, 2nd black from floor above lightswitch Plenum well, center of well, (1) of doubt down 9 blocks high Phonon well, clusish to RMS, If blocks high, equal to KHS Floor, outside runge dor in hollway, RHS at door sect of their, top row, harring on pack, institute Blank 18 Blank



# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

16 February 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Westminster Readiness Center Indoor Firing Range

- 1. An email dated 15 February 2007 from the CFMO stated that the Westminster Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



#### Non-Responsive CIV

From: Non-Responsive CIV NGB

Sent: Friday, February 16, 2007 9:19 AM

To: Non-Responsive CIV

Subject: FW: Westminster Readiness Center, 350 Hahn Road, Westminster, Maryland 21157-4699

#### Same request

#### Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell Non-Responsive FAX 410-942-0254

#### NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From: Non-Responsive LTC (RET) MDARNG

Sent: Thursday, February 15, 2007 4:31 PM

To: Non-Responsive CIV NGB; Non-Responsive CIV NGB

Cc: Non-Responsive\_TC MDARNG; Non-Responsive\_LTC (Ret) MDARNG; Non-Responsive\_TC; Non-Responsive\_PT

(RET) MDARNG; Non-Responsive SPC MDARNG; Non-Responsive

Subject: Westminster Readiness Center, 350 Hahn Road, Westminster, Maryland 21157-4699

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services

6811 York Road Baltimore, MD 21212

410-377-0500

#### Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

#### Non-Responsive

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Cade IV Ruhl, Westminster VI

Cade Armory, Towson (Ruhl) Armory,

Chain Of Custody:

159358

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI.

Job Location:

Date Submitted:

1/24/2007

State Military Reservation

Job Number:

Westminster Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

P.O. Number:

Not Provided

Date Analyzed:

1/24/2007

Report Date: 24-Jan-07

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page I of I

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type       | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) | Repor<br>Lin |        | I | inal Res | ult              | Comments         |
|----------------------|-------------------------|---------------------|---------------------|-------------------|---------------------|--------------|--------|---|----------|------------------|------------------|
| 0726326              | 20070123CAD501          | Flame               | Wipe                | ****              | 0.111               | 108.01       | ug/ft² |   | 160      | ug/ft²           | .· - <del></del> |
| 0726327              | 20070123CAD502          | Flame               | Wipe                | ***               | 0.111               | 108.01       | ug/ft² |   | 140      | ug/ft²           |                  |
| 0726328              | 20070123CAD503          | Flame               | Wipe                | ****              | 0.111               |              | ug/ft² |   | 210      | ug/ft²           |                  |
| 0726329              | 20070123CAD504          | Flame               | Wipe                | ****              | 0.111               |              | ug/ft² | < | 110      | ug/ft²           |                  |
| 0726330              | 20070123W\$T601         | Flame               | Wipe                | ***               | 0.111               |              | ug/ft² | < | 011      | ug/ft²           |                  |
| 0726331              | 20070123WST602          | Flame               | Wipe                | 塔米米木              | 0.111               |              | ug/ft² |   | 190      | ug/ft²           |                  |
| 0726332              | 20070123WST603          | Flame               | Wipe                | ****              | 0.111               |              | ug/ft² | < | 110      | ug/ft²           |                  |
| 0726333              | 20070123TWR501          | Flame               | Wipe                | ***               | 0.111               |              | ug/ft² |   | 1300     | ug/ft²           |                  |
| 0726334              | 20070123TWR502          | Flame               | Wipe                | 棕橄棉桉              | 0.111               |              | ug/ft² |   | 210      | ug/ft²           |                  |
| 0726335              | 20070123TWR503          | Flame               | Wipe                | ***               | 0.111               |              | ug/ft² |   | 2500     | ug/ft²           |                  |
| 0726336              | 20070123TWR504          | Flame               | Wipe Blank          | ****              | N/A                 |              | ug     | < | 12       | ug               |                  |
| alysis Method f      | or Flame: Air, Wipes, P | aints, and Soil/Sol | ids: EPA 600/R-93/2 | 200(M)-7420; Wate |                     |              | •      |   |          | s of quality con | itrol samples    |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

associated with these samples,

echnical Manager:

Analyst:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An AIHA (#8863). NVLAP (# 10H43), & New York ELAP (#10920) Accredited Laboratory A Requested Record #J-15-0085 (MD) 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643

Page 509 of 5269





### QC Summary

Sample Delivery Group: 14297

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

1/24/07

Result

Percent Recovery RPD

Comment

|                                  |        |          |       | •      |         |                |
|----------------------------------|--------|----------|-------|--------|---------|----------------|
| Preparation Blank                |        | -0.013   | ppin  |        |         | Acceptable     |
| Report Limit Verification Sample |        | 0 217    | ppiii | 65.1%  |         | Outside Limits |
| Expected Spike Level (ppm)       | 0.3333 |          |       |        |         |                |
| Duplicate Sample 1               |        | #3Njumi  | mg/Kg |        |         |                |
| Duplicate Sample 2               |        | #Ntinte! | ng/Kg |        | #16rear | # Error        |
| Matrix Spike Analysis            |        |          |       |        |         |                |
| Spiked Sample                    |        |          | •     | 91.81% |         | Acceptable     |
| Spike Duplicate                  |        |          |       |        |         | Acceptable     |
| Laboratory Control Sample 1      |        | 239,241  |       | 81.39% |         | Acceptable     |
| Laboratory Control Sample 2      |        | 249.034  | ue.   | 86,46% | 3.61%   | Acceptable     |

#### Calibration Information

Correlation of Calibration Curve:

0.99805

All calibration verification samples are within acceptance finits.

Notes:

Recovery for the Report Limit Verification Sample was 65.1%, below the tower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 14299 (98.2% recovery).

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159358           | 26326             | 20070123CAD501       |
| 159358           | 26327             | 20070123CAD502       |

SDG Number: 14297 Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159358           | 26328             | 20070123CAD503       |
| 159358           | 26329             | 20070123CADS04       |
| 139338           | 26330             | 20070123WST601       |
| 159358           | 26331             | 20070123W5T602       |
| 159358           | 26332             | 20070123WST603       |
| 159358           | 26333             | 20070123TWR501       |
| 159358           | 26.134            | 20070123TWR502       |
| 159358           | 26335             | 20070123TWR503       |
| 159358           | 26336             | 200701231 WR504      |

SDG Number:

14297

Page 2 of 2

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY.

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear IV

Chain Of Custody:

159354

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Westminster Armory

Date Submitted:

1/12/2007

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

associated with these samples.

1/12/2007

12-Jan-07

Report Date:

Attention:



#### Summary of Atomic Absorption Analysis for Lead

Page I of I

| AMA Sample<br>Number | Client Sample<br>Number  | Analysis Type       | Sample Type        | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>mit | F          | inal Res  | ult             | Comments      |
|----------------------|--------------------------|---------------------|--------------------|-------------------|---------------------|--------|---------------|------------|-----------|-----------------|---------------|
| 0724259              | 20070111WST5 01          | Flame               | Wipe               | ***               | 0.111               | 108.01 | ug/ft²        | <          | 110       | ug/ft²          |               |
| 0724260              | 20070111WST5 02          | Flame               | Wipe               | 彩彩彩彩              | 0.111               | 108.01 | ug/ft²        | <          | 110       | ug/ft²          |               |
| 0724261              | 20070111WST5 03          | Flame               | Wipe               | ***               | 0.111               | 108.01 | ug/ft²        | <          | _ 110     | ug/ft²          |               |
| 0724262              | 20070111WST5 04          | Flame               | Wipe               | ****              | 0.111               | 108.01 | ug/ft²        |            | 250       | ug/ft²          |               |
| 0724263              | 20070111WST5 05          | Flame               | Wipe               | ***               | 0.111               | 108.01 | ug/ft²        |            | 1700      | ug/ft²          |               |
| 0724264              | 20070111WST5 06          | Flame               | Wipe               | ***               | 0.111               | 108.01 | ug/ft²        | <          | 110       | ug/ft²          |               |
| 0724265              | 20070111WST5 07          | Flame               | Wipe               | 本本本本              | 0.111               | 108.01 | ug/ft²        | <          | 110       | ug/ft²          |               |
| 0724266              | 20070111WST5 08          | Flame               | Wipe               | ****              | 0.111               | 108.01 | ug/ft²        | <          | 110       | ug/ft²          |               |
| 0724267              | 20070111WST5 09          | Flame               | Wipe Blank         | 非非非特              | N/A                 | 12.00  | ug            | <          | 12        | ug              |               |
| analysis Method      | for Flame: Air, Wipes, F | Paints, and Soil/So | ids; EPA 600/R-93/ | 200(M)-7420; Wate | r. SM-3111B         | See QC | Summary fo    | r analytic | al result | s of quality co | ntrol samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Non-Responsiv Technical Manage

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to NGB FOIA Reading Room May, 2018

An ATHA (#8863). NVLAP (#18EST3AVAINABLEGOREX.AP (#10920) Accredited LaborateotA Requested Record #J-15-0085 (MD) 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-Betgased by National Guard Bureau





### QC Summary

Sample Delivery Group: 14255

|                                  | Sample : | Analysis Type:<br>Sample Type:<br>Analysis Date: |                     |                   |                |  |  |
|----------------------------------|----------|--------------------------------------------------|---------------------|-------------------|----------------|--|--|
|                                  | Ro       | sult                                             | Percent<br>Recovery | ርባ <mark>ת</mark> | Comment        |  |  |
| Preparation Blank                | -0.072   | ppm                                              |                     |                   | Acceptable     |  |  |
| Report Limit Verification Sample | 0.2388   | ppm                                              | 71.6%               |                   | Ourside Limits |  |  |
| Expected Spike Level (ppm) 0.33  | 33       |                                                  |                     |                   |                |  |  |
| Duplicate Sample 1               | #Numl    | mg/Kg                                            | •                   |                   |                |  |  |
| Dupitcate Sample 2               | #Nemi    | mg/Kg                                            |                     | #Hittor           | #Erroc         |  |  |
| Matrix Spike Analysis            |          |                                                  |                     |                   |                |  |  |
| Spiked Sample                    |          | ·                                                | 106.38%             |                   | Acceptable     |  |  |
| Spike Duplicate                  |          |                                                  |                     |                   | Acceptable     |  |  |
| Laboratory Control Sample I      | 278.913  | 84                                               | 91,90%              |                   | Acceptable     |  |  |
| Luboretory Control Sample 2      | 280,435  | ħĒ                                               | 92.05%              | 0.17%             | Acceptable     |  |  |

#### Calibration Information

Correlation of Calibration Curve:

0.999143

All calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 71.6%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 1256 (89.2% recovery).

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159353           | 24250             | 20070111TWR4-01      |
| 159353           | 24251             | 20070111TWR4 02      |
|                  | 416               |                      |

SDG Number: 1425

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159353           | 24252             | 20070111TWR4 03      |
| 159353           | 24253             | 20076111TWR4 04      |
| 159353           | 24254             | 20070111TWR4 05      |
| 159353           | 24255             | 20070111TWR4 06      |
| 159353           | 24256             | 20070111TWR4 07      |
| 159353           | 24257             | 20070111TWR4 08      |
| 159353           | 24258             | 200701117WR4 09      |
| 159354           | 24259             | 20070111WST5-01      |
| 159354           | 24260             | 20070111WST5 02      |
| 159354           | 24261             | 20070111WST5 03      |
| 159354           | 24262             | 20070111WST5 04      |
| 159354           | 24263             | 20070111WST\$ 05     |
| 159354           | 2/12/64           | 20070111WST5 06      |
| 159354           | 24265             | 20070111V/ST5 07     |
| 159354           | 24266             | 20070111WST5 08      |
| 159354           | 24267             | 20070111WST5 09      |
|                  |                   |                      |

SDG Number: 14255 Page 2 of 2

A Specialized Environmental Laboratory

#### **BEST AVAILABLE COPY**

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear #4

Chain Of Custody:

159352

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Westminster Armory

Date Submitted:

1/5/2007

Address:

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

associated with these samples.

1/5/2007

Report Date:

05-Jan-07

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 1

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type      | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | 3          | Final Res  | ult             | Comments      |
|----------------------|-------------------------|--------------------|---------------------|-------------------|---------------------|--------|----------------|------------|------------|-----------------|---------------|
| 0722975              | 20070104WST4 01         | Flame              | Wipe                | 秋麻椒木              | 0.111               | 108.01 | ug/ft²         | <          | 110        | ug/ft²          |               |
| 0722976              | 20070104WST4 02         | Flame              | Wipe                | ***               | 0.111               | 108.01 | ug/ft²         |            | 730        | ug/ft²          |               |
| 0722977              | 20070104WST4 03         | Flame              | Wipe                | ****              | 0.111               | 108.01 | ug/ft²         |            | - 1100     | ug/ft²          |               |
| 0722978              | 20070104WST4 04         | Flame              | Wipe Blank          | ***               | N/A                 | 12.00  | ug             | <          | 12         | ug              |               |
| •                    | for Flame: Air Wines I  | Paints and Soil/So | lids: EPA 600/R-93/ | 200(M)-7420: Wate | r: SM-3111B         | See QC | Summary fo     | r analytic | cal result | s of quality co | ntrol samples |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results



Technical Manager

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.





### QC Summary

Sample Delivery Group: 14228

|                                   | Analysis Type: |        | Plaeno              |                   |            |  |
|-----------------------------------|----------------|--------|---------------------|-------------------|------------|--|
|                                   | Sample Type:   |        | Wipe                |                   |            |  |
|                                   | Analysis Date: |        | 1/5/2007            |                   |            |  |
|                                   | Re             | suit   | Percent<br>Recovery | K) <sup>*</sup> D | Comment    |  |
| Preparation Blank                 | -0.074         | ppm    |                     |                   | Acceptable |  |
| Report Limit Verification Sample  | 0.3323         | ppos   | 99,7%               |                   | Acceptable |  |
| Expected Spike Level (ppm) 0.3333 | •              |        | • •                 |                   |            |  |
| Duplicate Sample 1                | #Npm!          | mg/Kg  |                     |                   |            |  |
| Duplicate Samplo 2                | #Nom!          | mg/Kg  | •                   | #Ecros            | #Frent     |  |
| Metric Spike Analysis             |                |        | ·                   |                   |            |  |
| Spiked Sample                     |                |        | 85.12%              |                   | Acceptable |  |
| Spike Duplicate                   |                |        |                     |                   | Acceptable |  |
| Laboratory Control Sample 1       | 271.799        | <br>ИВ | 90 18%              |                   | Acceptable |  |
| Laboratory Control Sample 2       | 262,028        | PB.    | 93.01%              | 3.09%             | Acceptable |  |
|                                   |                |        |                     |                   |            |  |

#### Calibration Information

Correlation of Calibration Curve: 0.999699

All calibration verification samples are within acceptance limits.

Notest

| Samples included | in this Sample Delive | ry Group (SDG) |
|------------------|-----------------------|----------------|
|------------------|-----------------------|----------------|

| Chain Of Custed | ly - AMA Sample Number | Client Sample Number |
|-----------------|------------------------|----------------------|
| 148410          | 22965                  | 20070104CAD3 01      |
| 148410          | 22966                  | 20070104CAD3 02      |
| SDG Number:     | 14228                  |                      |

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Somple Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 148410           | 22967             | 20070104CAD3 03      |
| 148410           | 22968             | 20070104CAD3 04      |
| 148410           | 22969             | 20070104CAD3 05      |
| 1:18410          | 22970             | 20070104CAD3 06      |
| 148410           | 22971             | 2007@104C(A1)3 @7    |
| 148410           | 22972             | 20070104CAD3 08      |
| 148#10           | 22973             | 20070104CAD3 09      |
| 148410           | 22974             | 20070104CAD3 10      |
| 159352           | 22975             | 20070104WST4-01      |
| 159352           | 22976             | 20070104WST4 02      |
| 159352           | 22977             | 20070104WST4 03      |
| 159352           | 22978             | 20070101WST4-04      |
| 155849           | 22979             | 2238 14 <b>07</b> 01 |
| 155849           | 22980             | 2238 1407 02         |
| 155849           | 22981             | 2238 1407 03         |
| 155849           | 22982             | 2238 1407 04         |
| 155849           | 22983             | 2238 1407 05         |
| 135849           | 22984             | 2238 1407 06         |
| 155849           | 22985             | 2238 1407 07         |
|                  |                   |                      |

SDG Number: 14228 Page 2 of 2

A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear 2

Chain Of Custody:

150779

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Westminster Armory

Date Submitted:

12/19/2006

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

12/19/2006

Report Date:

04-Jan-07

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit | F | inal Resu | ılt    | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|-----------|--------|----------|
| 0720024              | 20061215WST2 01         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 130       | ug/ft² |          |
| 0720025              | 20061215WST2 02         | Flame         | Wipe        | 松林市街              | 0.111               | 108.01 | ug/ft²         |   | 220       | ug/ft² |          |
| 0720026              | 20061215WST2 03         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 820       | ug/ft² |          |
| 0720027              | 20061215WST2 04         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 320       | ug/ft² |          |
| 0720028              | 20061215WST2 05         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 110       | ug/ft² |          |
| 0720029              | 20061215WST2 06         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 650       | ug/ft² |          |
| 0720030              | 20061215WST2 07         | Flame         | Wipe        | ****              | 111.0               | 108.01 | ug/ft²         |   | 4400      | ug/ft² |          |
| 9720031              | 20061215WST2 08         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110       | ug/ft² |          |
| 0720032              | 20061215WST2 09         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         | < | 110       | ug/ft² |          |
| 0720033              | 20061215WST2 10         | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft²         |   | 38000     | ug/ft² |          |
| 0720034              | 20061215WST2 11         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 340       | ug/ft² |          |
| 0720035              | 20061215WST2 I2         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 500       | ug/ft² |          |
| 0720036              | 20061215WST2 13         | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 510       | ug/fl² |          |
| ์<br>1720037         | 20061215WST2 14         | Flame         | Wîpe        | ****              | 0.111               | 108.01 | ug/ft²         |   | 560       | ug/ft² |          |
| 0720038              | 20061215WST2 15         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00  | ug             | < | 12        | ug     |          |
| 0720039              | 20061215WST2 16         | Flame         | Wipe Blank  | ***               | N/A                 | 12.00  | ug             | < | 12        | ug     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.



#### A Specialized Environmental Laboratory

#### BEST AVAILABLE COPY

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear 2

Chain Of Custody:

150779

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Westminster Armory

Date Submitted:

12/19/2006

Address:

State Military Reservation

Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided

Date Analyzed:

associated with these samples.

12/19/2006

04-Jan-07 Report Date:

Attention:



#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

See QC Summary for analytical results of quality control samples

Number

Number

(L)

(ft2)

Limit

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms %Pb = percent lead by weight

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

chnical Manager: Anal

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.

Posted to NGB FOIA Reading Room May, 2018





### QC Summary

Sample Delivery Group: 14166

Analysis Type:

Mante

Sample Type:

Wipe

Analysis Date:

12/19/2006

|                                   | Re      | sult           | Porcent<br>Recovery | Ŕ₽Ď     | Comment    |
|-----------------------------------|---------|----------------|---------------------|---------|------------|
| Preparation Blank                 | -0.030  | ppm            |                     |         | Acceptable |
| Report Limit Verification Sample  | 0.2359  | րp.m           | 85 <b>8%</b>        |         | Acceptable |
| Expected Spike Level (ppm) 0.3333 |         |                |                     |         |            |
| Duplicate Sample 1                | #Non!   | т <b>д∕К</b> g |                     |         |            |
| Duplicate Sampto 2                | #Nami   | т <b>ş∕К</b> g |                     | #IEreoc | #Ecros     |
| Metrix Spike Analysis             |         |                |                     |         |            |
| Spiked Sample                     |         |                | 89.72%              |         | Acceptable |
| Spike Duplicate                   |         |                |                     |         | Acceptable |
| Laboratory Control Sample 1       | 278.845 | ng             | 88.86%              |         | Acceptable |
| Laboratory Control Sample 2       | 254.989 | 84             | 87,89%              | 1.10%   | Acceptable |

#### Calibration Information

Concletion of Calibration Curve:

0.999229

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

AMA Sample Number Client Sample Number Chain Of Custody

156062 156062 19974

121506AH08A

19975

121505AH08B

SDG Number:

14166

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150779           | 20024             | 20061215WST2-01      |
| 150779           | 20025             | 20061215WST2 02      |
| 150779           | 20026             | 20061215WST2 03      |
| 150779           | 20027             | 20061235WST2 04      |
| 150779           | 20028             | 20061213WST2 05      |
| 150779           | 20029             | 20061215WST2 06      |
| 150779           | 20030             | 20061215WST2 07      |
| 150779           | 20031             | 20061215WST2 08      |
| 150779           | 20032             | 20061215WST2 09      |
| 150779           | 20033             | 20061215WST2 10      |
| 150779           | 20034             | 20061215WST2 11      |
| 150779           | 20035             | 20061215WST2 12      |
| 150779           | 20036             | 20061215WST2 13      |
| 150779           | 20037             | 20061215WST2 14      |
| 150779           | 20038             | 20061215WST2 15      |
| 150779           | 20039             | 20061215WST2 16      |

SDG Number: 19166 Page 2 of 2

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150779

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | 1.7                 |                                       |                                                          |                                                                                              |                  |                                          | l Infor      |               |                           |            | ,            |                          |              |                                                      |                           |                                                                   |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|---------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------|------------------------------------------|--------------|---------------|---------------------------|------------|--------------|--------------------------|--------------|------------------------------------------------------|---------------------------|-------------------------------------------------------------------|----------|
| 1. Client Name: NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | rh Kegua Nos-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ka i           | H                   |                                       |                                                          |                                                                                              |                  |                                          |              |               |                           |            |              |                          |              |                                                      |                           |                                                                   |          |
| 2. Address I: 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | - IFI DIE Day L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u>ane</u>     |                     |                                       |                                                          |                                                                                              |                  |                                          |              |               |                           |            |              |                          |              |                                                      |                           |                                                                   |          |
| 3. Address 2: Has                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MD_2           |                     |                                       |                                                          |                                                                                              | 3.               | Job#:                                    |              |               | lon                       | De         | che          | nci                      |              | P.O                                                  | .#:@                      |                                                                   |          |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | - 1                 |                                       |                                                          |                                                                                              | 4.               | Conta                                    | ct Pers      | on:           | NOI1-                     | -KE        | spc          | יופווע                   | ∕Ε           |                                                      | @ nbc                     | me# 410 947 (                                                     | 2273     |
| 5. Phone #: <u>นเอ ดน</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Catalogue and analysis and account to the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the cont |                |                     |                                       |                                                          |                                                                                              | <b>5.</b>        | Subm                                     | itted by     | <b>/:</b>     | o tangan pangangan pangan | 15 word no |              | tu ment and              |              | S                                                    | ignature:                 | in-Responsive                                                     |          |
| ☐ Please include COC/f<br>Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ield data sheets with re<br>equired: <u>10/20</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | sults<br>\D(o  | Repor<br>≥ 2011 @   | ting Infor                            | matio<br>md. ⊠                                           | n (Resu<br>124hr [                                                                           |                  |                                          |              |               |                           |            |              |                          |              |                                                      |                           |                                                                   |          |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                     | ☐ Fax Co                              | у:                                                       |                                                                                              |                  |                                          | <br>∂ fax #  |               |                           |            |              |                          | a            | Emai                                                 | Copy:                     |                                                                   |          |
| PLM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | in a 25mm 37mm<br>(QTY)<br>(QTY)<br>Filter Type:<br>in a 25mm 37mm<br>(QTY)<br>(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                     |                                       | LAP 19 TY State esidual st pual. (pr puan. (s) puan. (s) | 98.4/Chat<br>PLM/Ti<br>Ash<br>res/abs) V<br>/area) Vac<br>/area) Dus<br>res/abs)<br>98.2/EPA | acuum/cuum D     | (Q'<br>/Dust<br>/57 <i>5</i> 5-9<br>0-99 | (Q'<br>(TY)  | TY)           | .(QTY<br>(Q<br>.(QTY)     | TY)        |              |                          | 8000000      | Paint ( Dust V Air Soil/So TCLP. Drinki Waste Dust V | Chip                      | (QTY)<br>—(QTY)<br>—(QTY)<br>—(QTY)<br>—(QTY)<br>—(QTY)<br>—(QTY) |          |
| ☐ EPA Point Count<br>☐ NY State Friable<br>☐ Grav. Reduction EL<br>☐ Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (QTY)<br>AP 198.1(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | QTY)<br>.(QTY) |                     | (TE                                   | ll samp<br>M Wate                                        | les receiv<br>r sample:                                                                      | red in g         | cod co<br>_°C)                           | ndition      | unles         | s other                   |            |              |                          | 000          | Spore-<br>Surfac<br>Surfac                           | e Swab(                   | nalysis "Y)                                                       | Dust(QTY |
| CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SAMPLE INFORMAT<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                | VOLUMI<br>(LITERS)  | WIPE<br>AREA                          | TEM                                                      | ANA<br>Zo                                                                                    | XXXIS            | $a_{ET}$                                 | Word /       | <b>*</b> /    | BULK                      | Mesy       | ATRI         | X<br> / डूड्ड            | TAPE         | SWAB                                                 | / a                       | CLIENT CONTACT  ABORATORY STAFF OF                                |          |
| 20061215WST2 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ızlıs          |                     | 4"×4"                                 |                                                          |                                                                                              | · D              | ⟨.                                       |              |               |                           | <          |              |                          |              |                                                      | Date/Time:                | Contact:                                                          | By:      |
| 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                     | , set                                 |                                                          | i                                                                                            |                  |                                          |              |               |                           | -          |              |                          |              |                                                      |                           |                                                                   |          |
| 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1              |                     |                                       |                                                          |                                                                                              |                  |                                          |              |               |                           |            |              |                          |              |                                                      |                           |                                                                   |          |
| ०५                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                     |                                       |                                                          |                                                                                              |                  |                                          |              |               |                           | T          |              |                          |              |                                                      |                           |                                                                   |          |
| 20061215W57205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fluor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                     |                                       |                                                          |                                                                                              |                  |                                          |              |               |                           | İ          |              |                          |              |                                                      | Data (First)              | <u> </u>                                                          |          |
| CL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                     | 1                                     | v poperany:                                              |                                                                                              | elegencija jyros |                                          | earcel refal |               | 2890011                   |            | rusakinara   | Notice Series            | 2000000      | enema da                                             | Date/Time:                | Contact:                                                          | Ву:      |
| 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa |                |                     |                                       |                                                          |                                                                                              |                  |                                          | #4. V.       | 1875 NOS      | 4863.FW                   |            | Address.     | la sissa.                |              | 20/20/20                                             |                           |                                                                   |          |
| 08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i i            | en in patricularies |                                       | S OFFICER                                                |                                                                                              |                  |                                          | edie gye.    | NAP CIV       | 3445                      |            | 3287036      | 180500,000<br>180500,000 | A Kerker W   | 12000000                                             |                           |                                                                   |          |
| ENGINEERING CONTRACTOR OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE | \$25000 \$4 K-140 \$250 0 \$4400 \$45 \$4 \$400 \$450 \$450 \$450 \$4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                     | 1200000                               | 8 60/326920                                              | V                                                                                            | 100000           |                                          | 33336 6334   | 28.682.0      |                           |            | (arjakase),  | 245004555                | S0174748348  | Virkieskins                                          |                           |                                                                   |          |
| 20061215 WST2 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1              |                     |                                       | i azwene                                                 |                                                                                              |                  |                                          |              |               | 0.000                     |            | 96932        |                          |              |                                                      | Date/Time:                | Contact:                                                          | By:      |
| [O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100000 Tests   | io calconiscens     | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 60500598                                               | A A A A A A A A A A A A A A A A A A A                                                        | 76-20 VALES V    | dices lace                               | CONTRACTOR   | Oreas science | 00000 AV                  |            | SOCOSSI IARO | 1250 a 65775             | 91436 Sansan | a. marzada                                           |                           |                                                                   |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | header/switch box                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                     |                                       |                                                          |                                                                                              |                  | in N                                     |              |               |                           |            |              |                          |              |                                                      |                           |                                                                   |          |
| 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Floor, Stairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1              |                     | I Z                                   |                                                          |                                                                                              |                  |                                          |              |               |                           | 2          |              |                          |              |                                                      |                           | -                                                                 |          |
| 20061215WST2 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Constitute Vet Colors and Advantagement accessing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                     | l V                                   |                                                          |                                                                                              |                  | <u> </u>                                 |              |               | •                         | <b>∀</b> ] |              |                          |              |                                                      |                           |                                                                   |          |
| LABORATORY STA<br>1. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Transport of a Control of the state of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control  | <b>Y</b> 2     | ، عه ٍ              | <u>وان3 ن</u>                         | via: F                                                   | edE                                                                                          | Κ.               | By (                                     | (Print)      | lon-          | Res                       | pol        | nsiv         | e                        |              |                                                      | Non-<br>Sign              | Responsive                                                        |          |
| 2. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | e Analyzed:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                | /                   | @                                     | Bv                                                       | (Print):                                                                                     |                  |                                          |              | 998913813.    | awaran.                   |            |              | Sign                     |              |                                                      |                           |                                                                   |          |
| 3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | eported To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                     |                                       |                                                          |                                                                                              | a•1              |                                          | -coP4        | ito.          |                           | 1          |              | /                        |              | 775-                                                 |                           | T_:.:                                                             |          |
| Posted to NGB FO<br>May, 2018 mment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | OIA Reading Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                     |                                       |                                                          | e eles                                                                                       | AVA              | LAGLI                                    | - CUP        |               |                           |            |              |                          |              |                                                      | OIA Requested<br>Released | Record #J-15-0085 (M<br>by National Guard Bure<br>Page 522 of 520 | au       |

#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 2/2 150779

| Mailing/Billing Inform:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          | u ::                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               | _           |            |                  | ıforma         |              |                                             | :                 | - 41                                             |                 | _            |                            |                                                         |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|-----------------------------------------------|-------------|------------|------------------|----------------|--------------|---------------------------------------------|-------------------|--------------------------------------------------|-----------------|--------------|----------------------------|---------------------------------------------------------|-----------------------------------------|
| 1. Client Name: NG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               | _           |            |                  |                |              |                                             |                   |                                                  |                 |              |                            |                                                         |                                         |
| 2. Address 1: 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             |                   |                                                  |                 |              |                            |                                                         |                                         |
| 3. Address 2: Har                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               | . 5         | . Jor      | ) #F             |                | Na           | n D                                         | 2000              | moiv                                             |                 | P.C          | .#@ phone                  |                                                         | ^2=2                                    |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 -2-24                                  | ÷ ,,                | م دفي                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 042 A2                |                                               |                                               | _ 4         |            |                  |                | : NO         | II-K                                        | espc              | ITISIV                                           | <b>E</b>        |              | ® Non-                     | # 410 342 (<br>Responsive                               | 2273                                    |
| 5. Phone #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>4 04 13</u><br>September 13 km (1981) | Fax #               | 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 442 06                | <u>- 59</u><br>мирура                         |                                               | <br>        | . Su       | omitte           | d by:_         | inimus ser   | 100000000000000000000000000000000000000     | on and the        | THE P                                            |                 | 2 <b>.</b> 2 | ignature:                  | KAN BEGINDBOK SITOLIKOPIT FOY                           |                                         |
| ☐ Please include COC/fi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | eld data sheets with re                  | sults 6             | Kepor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ung mor               | matio:                                        | n (Res<br>124hr                               | TAR         | hr 🗀       | : prov<br>70hr   | raea a         | 15 SOO       | n as u                                      | ecnnic            | any 16<br>er Ua                                  | easidi<br>me    | e):<br>□24h  | r Affar Houw* [7]          | Cate Night* (*must )                                    | ha pro cohadulad                        |
| Date & Time Results Red  Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quii Gi//                                | 74 8 77 7           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | IC                                            | AT-ANIT                                       | 11110       | S. (*)     | (A) E            |                | ay T I       |                                             | 10. 50            | CI-TIO                                           | <br>ຕ           |              | Anter-rious                | Care-Main ( Inner (                                     | se pre-scheduled                        |
| Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | @ cen #                                  |                     | ······································                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TEM Bul               |                                               |                                               |             |            | _ @ 12           | ax #           |              |                                             |                   |                                                  |                 | nalys        | 77                         |                                                         |                                         |
| PCM Air - Please Indicate I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Filter Type:                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | O EI                  | <u>K</u><br>LAP 19                            | 8.4/Ch                                        | atfield     | l          |                  | (QT            | Y)           |                                             |                   |                                                  | .ead A          | Daint (      | s<br>Chip(                 | OTY)                                                    |                                         |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | in a 25mm 37mm                           |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ÜИ                    | Y State                                       | PLM                                           | TEM_        |            |                  | _(QTY          | ) ´          |                                             |                   |                                                  | 23              | Dust \       | Vipe (wipe type <u>G N</u> | <u> ۱۵</u>                                              | (QTY)                                   |
| □ NIOSH 7400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (QTY)                                    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | □ Re                  | esidual                                       | Ash                                           |             |            | (QTY)            | )              |              |                                             |                   |                                                  |                 | Air          | (OTY)                      |                                                         |                                         |
| ☐ Fiberglass<br>TEM Air – Please Indicate I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TEM Dus               |                                               | (ab)                                          | 17a a       | (D)        |                  |                | (0           | TV.                                         |                   |                                                  | u<br>D          | Soil/S       | olid((QTY                  | (XTY)                                                   |                                         |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | in a 25mm 37mm                           |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             | )                 |                                                  | ă               | Drinki       | ng Water                   | (OTY)                                                   |                                         |
| ☐ AHERA<br>☐ NIOSH 7402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (QTY)                                    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             | •                 |                                                  |                 |              | Water                      |                                                         |                                         |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (Q11)                                    | (QTY)               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TEM Wat               | ter                                           | (-1)                                          |             |            | 100              | m c            |              |                                             |                   |                                                  |                 | Dust \       | Vipe Furnace (wipe t       | ype)                                                    | (QT                                     |
| PLM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | U Q<br>D FI           | цац. (рг<br>САР 19                            | es/abs)                                       | A 100       | 2          | (Q1              | CX)<br>(O      | TY)          |                                             |                   |                                                  | MAIA .          | Direc        | t Microscopic Analy        | reie                                                    |                                         |
| ☐ EPA 600 - Visual Es☐ EPA Point Count                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | stimate(QTV)                             | TY)                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u>              | PA 100                                        | .1                                            | 71100       | (Q         | TY)              | (Q             | 11)          |                                             |                   | -                                                |                 |              |                            | □ Bulk(Q1                                               | TY)                                     |
| NY State Friable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QTY)                                    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | [ [ <sup>†</sup> ] A1 | l cama                                        | lee rec                                       | eived i     | 0.000      | Loondi           | tion un        | lees of      | hamis                                       | e note            |                                                  |                 | Surfac       | e Swab(QT                  | Y) Surface Vacuum I                                     | Dust(QT                                 |
| ☐ Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          | (QTY)               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               | r samp                                        |             |            |                  | uon un         | 1033 01      | TICI WIS                                    | c noice           |                                                  | u               | Surfac       | e Tape(QTY                 | ) Dother (Specify                                       | (QT                                     |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SAMPLE INFORMAT                          | "(QTY)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            | <del></del>      |                |              | 7                                           | MATD              | ˈ<br>TY                                          |                 |              |                            | CLIENT CONTACT                                          |                                         |
| CLIENT ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE LOCATION/                         |                     | VOLUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | 13                                            | 1                                             | 7.3         | ″ે ≘       | 13               | / ×            | 13           | 15                                          |                   | )<br>33                                          | 1 3             | 1 88         | 1                          |                                                         |                                         |
| NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IDENTIFICATION                           | 7 5 7 5 7 7 7       | (LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | <i>( ≅</i>                                    | / š                                           | / ≅         | K          | <del>/ ≥</del>   | <del>/ ₹</del> | / ãs         | Ę                                           | / <del>2</del> 46 | / 55                                             | / <u>S</u>      | ( 5          |                            | ORATORY STAFF O                                         |                                         |
| 20061215 WST 2 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          | 12/15               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4″≠4″                 | 13/403                                        | 2.435                                         | 124.23      |            | 1557(8)          | 120013         | .0000        |                                             |                   |                                                  |                 |              | Date/Time:                 | Contact:                                                | By:                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BLANK                                    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                    | ļ                                             |                                               |             |            |                  | <u></u>        |              |                                             | ļ                 |                                                  |                 | ļ            |                            |                                                         |                                         |
| 20061215W57216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | BLANK                                    | V                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                    |                                               |                                               |             | V          |                  |                |              | W                                           |                   |                                                  |                 |              |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | <u>.</u>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             |                   |                                                  | 1.              |              |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             |                   |                                                  |                 |              | Date/Time:                 | Contact:                                                | By:                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  | 1              |              |                                             |                   |                                                  |                 |              |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - 200 (F-200)         |                                               | 1000                                          | EXCES!      |            | MARKS I          |                | 1877/2       |                                             |                   |                                                  |                 | 300.50       |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | 1                   | Secretaria de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la composição de la compos | 21,401,401,401,40     |                                               |                                               |             |            |                  | 1              |              | . N. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10 |                   | 1.555,225.                                       |                 |              |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | 985334504           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | 1813.940                                      | 2000                                          | V 24V X X   | 200        | 100000           | S SAMESTO      | : \$48.9.48K | ######################################      | #349%%            | 1200                                             | 1000000         |              | D                          |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | 3 204.20.42         | #1046.6(#394F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | g (A-Logalises o      | 000400                                        | 1                                             | 15 S. V. S. | 180000     | COME.            | 104-52-0       | 1200 (1      | 0.533-83                                    |                   | and design as                                    | 2,12,420        |              | Date/Time:                 | Contact:                                                | Ву:                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | O SOLVEN SANS       | n seculates as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ii kaalin waxan ka ka | Nation                                        | 5625333                                       | eAVzys      | i iraxii   | 2 (100,000)      | 1 50850A       | 44,600,643   | 38.428.00                                   | Carlinax          | 1544944                                          | l<br>Kasarta 27 | 060200       |                            |                                                         |                                         |
| And the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o | et somere filmsvelfta 1950               |                     | > (42000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                               | N 1 1 2 2                                     | 130000      | V2020      |                  | 304500         | P 7 7 7 7    | 2020                                        |                   | 1000000                                          | ÇEKET.          | PACIN        |                            |                                                         | *************************************** |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | 2 2 3 3 3 3 3 3 3 3 | i saniani sana                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       | A5.200.0                                      | 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1       | lendess"    | Observal o | A control source | S              | 2.507.95     | 3 12-21-12-3                                | 7 (2000)          | 3 8 0 11 3 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A |                 |              |                            |                                                         |                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | <u>l                                     </u> | 15000                                         |             |            |                  |                |              |                                             |                   |                                                  |                 |              | Non De                     | ocnonci vo                                              |                                         |
| LABORATORY STA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FF ONLY: (ÇLISTOI                        | χį                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               | ~_ l•                                         |             |            |                  |                | on-F         | Res                                         | pon               | sive                                             |                 |              | NON-Re                     | esponsive                                               |                                         |
| 1. Date/Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | e RCVD:/                                 | 14_/                | <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>්රදිව</u> ම        | Via: 1                                        | <u>eat</u>                                    | $\infty$    | J          | 3y (Pn           | nt)            |              |                                             |                   |                                                  |                 |              | Sign                       |                                                         |                                         |
| 2. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e Analyzed:/                             |                     | ./                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | @                     | Ву                                            | (Print):                                      |             |            |                  |                |              |                                             |                   | Pigir                                            |                 |              |                            |                                                         |                                         |
| 3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | eported To:<br>DIA Reading Room          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               | 9 Page 10 10 10 10 10 10 10 10 10 10 10 10 10 |             | A-14A-F    | HEA              | OP Pate        | 122          | /                                           | <u> </u>          | _/                                               |                 | _ Ti         | me:                        | Cord #J-15-0085 (ML                                     | ıls:                                    |
| Posted to NGB FC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Keading Room                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       | 9 S.M                                         | DES                                           | n AV        | MILAE      | JLE U            | UPT            |              |                                             | 7000              |                                                  |                 | F            |                            | cord #J-15-0085 (ML<br><del>lational Guard Buro</del> a |                                         |
| Way, 2010-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                               |                                               |             |            |                  |                |              |                                             |                   |                                                  |                 |              | Noicuscu by it             | Page 523 of 526                                         |                                         |



#### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150782

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  | tal Int                                           |             |                   | . 1                                    |              |                                         | , ,                 | ,                                                                             | a. 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                       |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------|------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------|----------------------------------|---------------------------------------------------|-------------|-------------------|----------------------------------------|--------------|-----------------------------------------|---------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------|
| 1. Client Name: NGB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  |                                                   |             |                   |                                        |              |                                         |                     |                                                                               | Clear 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                       |                                        |
| 2. Address 1: 301-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  |                                                   |             |                   |                                        |              |                                         |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| 3. Address 2: House                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  |                                                                                   | _ 3.                                | Job                              | #:                                                |             | Mon               | Da                                     | enon         | cive                                    |                     | P.O                                                                           | .#@ phone #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1115 8112                                                             |                                        |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  | .//^                                     | C.10 A.2                                 | ~ . ,                                                            |                                                                                   |                                     |                                  |                                                   |             |                   | -                                      | spon         | SIVE                                    |                     |                                                                               | @ phone #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | # 415 942 (                                                           | 37_33                                  |
| Control to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro | And resting the transfer as in the between the constitution of the rest of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Continue community and a         | affect a three should be three You You I |                                          |                                                                  | 58000 NBN                                                                         |                                     |                                  | mitted                                            |             | -                 |                                        | and with the | San San San Malan                       | warining            | S                                                                             | ignature:Non-F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Marten e dudited to a storweek in the during                          | towar isatoù skâhar de Arvitan dan amb |
| ☐ Please include COC/fi Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | quired:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | /@                               |                                          | ting Inform                              | nd. 🏿                                                            | 24hr                                                                              | □48}                                | r 🗌                              | 72hr [                                            | ]5 D        | ay + [            | ] [mn                                  | id. Aft      | ет-Но                                   | ırs* [              | ]24h                                                                          | After-Hours* 🔲                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ate-Night* (*must                                                     | be pre-scheduled)                      |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  | C                                        | Fax Cop                                  | у:                                                               |                                                                                   |                                     |                                  | . @ fa                                            | x#          |                   |                                        |              |                                         |                     | Email                                                                         | Copy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | @                                                                     |                                        |
| PLM Bulk  PPA 600 – Visual E  PPA Point Count  NY State Friable  Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | in a 25mm 37mm(QTY)(QTY) Filter Type:in a 25mm 37mm(QTY)(QTY)(QTY)) stimate(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | QTY)<br>(QTY)                    |                                          | TEM Dus  TEM Dus  Qu  Qu  TEM Wat  E E E | AP 19 Y State sidual i i ial. (pro ian. (s/i ian. (s/i ian. (s/i | PLM/<br>Ash<br>area) \<br>area) \<br>area) C<br>es/abs)<br>8.2/EF<br>1<br>les rec | Vacuu Vacuu Vacuum Vust D6 VA 100.: | m/Dus<br>n D575<br>480-99<br>2(Q | (QTY) st 5-95 (QT TY) condit                      | Y)<br>(Q    | (QT<br>(QT<br>(QT | (QTY<br>'Y)                            |              | Ŋ                                       |                     | AirSoil/So<br>FCLP.<br>Drinki<br>Waste<br>Dust V<br>Direc<br>Spore-<br>Surfac | Chip (Vipe (wipe type Chip (QTY))  Chip (wipe type Chip (QTY))  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY)  Chip (QTY) | ?TY) )(QTY) .(QTY) //pe)                                              | (QTY) TY) Dust(QTY)                    |
| CLIENT ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE INFORMA'<br>SAMPLE LOCATION/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TION                             | VOLUME                                   | 1                                        | EM                                                               | <del> </del>                                                                      |                                     |                                  |                                                   |             | 7£ /              | / \$ 1                                 | MATR         | <br>[X<br>[/ हैं है                     | \ <del>g</del>      | / WAB                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CLIENT CONTACT                                                        |                                        |
| NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | and all comments are in a little | (LITERS)                                 | AREA                                     |                                                                  | / <del>~</del>                                                                    | / 5                                 | Ź                                | / <del>-                                   </del> | <b>/</b> ₹  | / 👼               | S                                      | / ≌₹8        | / <u>&amp;</u> E                        |                     | (5)                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ORATORY STAFF O                                                       |                                        |
| 20061221WST301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12 21                            |                                          | 4'54'                                    |                                                                  |                                                                                   |                                     | $\langle \rangle$                |                                                   |             |                   | 4                                      | 100000       | English.                                | 1378337             | 300000                                                                        | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                              | By:                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Wall Trap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>                         |                                          | - School by School School                |                                                                  | B-818/112/X*                                                                      | 3150005376                          | 1                                | 0000000                                           | 0201000     |                   | 202 <b>1</b> .00                       | 2 e100 .7000 | Carteria                                | to the man          | Date A seaso 2                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| 63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Roll Door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  |                                                   |             |                   |                                        |              |                                         |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ······                                                                |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Roll Door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                          | 1                                        |                                                                  |                                                                                   |                                     | 1                                |                                                   | <u> </u>    |                   | 1                                      |              |                                         |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| 20061221W <i>5</i> T3 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Blank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | I W                              |                                          | NA .                                     |                                                                  |                                                                                   |                                     | W                                |                                                   |             |                   | W                                      |              |                                         |                     |                                                                               | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                              | By:                                    |
| 7//////////////////////////////////////                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  |                                                   |             |                   |                                        |              |                                         |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| 20061221CAT361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Closed   Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12(2)                            |                                          | 4",4"                                    |                                                                  |                                                                                   |                                     |                                  |                                                   |             |                   |                                        |              |                                         |                     |                                                                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Closs I Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                | ****                                     |                                          |                                                                  |                                                                                   | <u> </u>                            |                                  |                                                   | <b>†</b>    | <u> </u>          |                                        |              |                                         |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| Z60G1221CAT3.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PORTO HIND TO THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF | Ŵ                                |                                          | NA                                       |                                                                  |                                                                                   |                                     | W                                |                                                   |             |                   | Ŵ                                      |              |                                         |                     |                                                                               | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                              | By:                                    |
| 700000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          | 1.00000000                                                       | 11.74.5 11.01                                                                     |                                     | 100                              |                                                   | 800000000   | * **********      |                                        |              | *:::::::::::::::::::::::::::::::::::::  | A P 1 ( 10 ) ( 10 ) | 13                                                                            | Dato Time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact                                                               |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Market Mark                      |                                          |                                          |                                                                  | 128785                                                                            |                                     |                                  |                                                   | K/33/53/8   | V. 21.90 X        | Milder                                 | Y WOODEN     | 112/12/2004                             | en ameri            | ():I():X                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          | 100000000000000000000000000000000000000  |                                                                  | 1000000                                                                           | (A. Carrier                         |                                  | (17.48.0)                                         | (300,000    | [80,60,00]        | (************************************* | 9 4000000    |                                         | 1.000 miles         | r (Saccord                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          | 13.00 to 10.00                                                   |                                                                                   |                                     | 207-200                          | 1201.0245                                         | 1000000     | 1:800.00          | 80000                                  | o 115000 0   | Sections.                               | 107-11170           | A. F. J. J. F. J.                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  | 12000 PM:<br>2003 PM:                                                             |                                     | 1000                             |                                                   | in the same |                   | 35000                                  |              | 100 00 00 00 00 00 00 00 00 00 00 00 00 |                     |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                        |
| LABORATORY STA<br>1. Date/Tim<br>2. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DY)<br>/<br>/                    | <del></del> '                            | @'<br>@                                  | Via:                                                             | (Print):                                                                          |                                     | J                                | By (Pri                                           | at):        |                   |                                        |              | Sign                                    |                     |                                                                               | Sign:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                          |                                          |                                                                  |                                                                                   |                                     |                                  |                                                   | D           |                   |                                        | /            | A ST                                    |                     | 14.5                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>1-1-</b>                                                           | ole:                                   |
| Posted to NGB F<br>May, 2009 mmen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | eported To:<br>OfA Reading Room<br>ts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                                          |                                          |                                                                  | BE                                                                                | Ÿia:A\                              | /AILA                            | BLE C                                             | -OPato      |                   |                                        |              |                                         |                     | - '}                                                                          | OIA Requested Re<br>Released by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Initi<br>ecord #J-15-0085 (N<br>National Guard Burd<br>Page 524 of 52 | au                                     |



#### BEST AVAILABLE COPY

### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

159354

| Mailing/Billing Inform                                                                                                                                                                                                 | ation:                                                | . 14                                   |                    |                                        |                                                                              |                                                                         | S                                                                                                                    | ubmit                              | tal In                       | form:        | ation:                    |                        | 1            | _                         | 1.           |                                                                        | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|--------------------|----------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------|--------------|---------------------------|------------------------|--------------|---------------------------|--------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------|
| I. Client Name: NG                                                                                                                                                                                                     |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              |                           |                        | 15725        |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             | ·····                                           |
| 2. Address 1: 301                                                                                                                                                                                                      |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              |                           |                        | ハッカ          |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
| 3. Address 2: <u> 吊め</u> も                                                                                                                                                                                             |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      | Job                                | #:                           |              |                           |                        |              |                           |              | P.C                                                                    | ). #:@_nhone #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             |                                                 |
| 4. Address 3:                                                                                                                                                                                                          |                                                       |                                        |                    |                                        |                                                                              |                                                                         | _ 4.                                                                                                                 |                                    |                              |              | : . <mark>NO</mark>       | n-Re                   | espo         | nsive                     |              |                                                                        | @ phone #<br>Signature:Non-F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 410 942 C                                                   | <u> 273                                    </u> |
| 5. Phone #: 410 94                                                                                                                                                                                                     | 2 0273                                                | Fax#                                   | : 410              | 942 0                                  | 254                                                                          |                                                                         | _ 5.                                                                                                                 |                                    | mitte                        |              |                           |                        |              |                           |              |                                                                        | Signature:NOTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | responsive                                                  |                                                 |
| ☐ Please include COC/f Date & Time Results Re ☐ Verbals:  Asbestos Analysis                                                                                                                                            | viaza ed kilden ili dista menana se karantaka la be   |                                        |                    | ting Infor                             | 0.10                                                                         | Sili Mary M                                                             | A Section Section                                                                                                    |                                    | The Control of               |              | IS 800                    | n as t                 | echnic       | ally f                    | easib        | le):                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
| ☐ Verbals:                                                                                                                                                                                                             | @ cell #                                              |                                        |                    | ☐ Fax Cop                              | у:                                                                           |                                                                         |                                                                                                                      | 2654Q-655<br>                      | . @ fa                       | и # <u> </u> |                           | Colorado<br>Consciento |              | 36)75(65042<br>615421-096 |              | . Emai                                                                 | 1 Copy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u>                                                    |                                                 |
| PCM Air Please Indicate PC MCE Porosity NIOSH 7400 Fiberglass TEM Air Please Indicate PC MCE Porosity AHERA NIOSH 7402 Other (specify PLM Bulk EPA 600 Visual E FPA Point Count NY State Friable 19 Grav. Reduction EL | Filter Type:                                          | _(QTY)<br>(TY)                         |                    |                                        | LAP 193<br>Y State<br>esidual a<br>st<br>ual. (pre<br>uan. (s/a<br>uan. (s/a | 8.4/Ch<br>PLM/<br>Ash_es/abs;<br>area) Varea) Des/abs;<br>8.2/EF1es rec | Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur<br>Vacuur | am/Dus<br>n D575<br>480-99<br>2(Q' | (QTY) st 5-95 (QT TY) condit | (QTY(QTY     | "Y)<br>(Q'<br>(Q')<br>TY) | ÎY)<br>.(QTY<br>IY)    | ")           |                           |              | Paint Dust V Air Soil/S TCLP Drink Waste Dust V - Direct Spore Surface | is Chip (Chip (QTY)) Chip (Wipe (wipe type (QTY)) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Colid (QTY) Coli | (QTY) (QTY) (QTY) pe)_ sis  Bulk(Q' ) Surface Vacuum        | (QTY)(QTY) TY) Dust(QT                          |
|                                                                                                                                                                                                                        | SAMPLE INFORMAT<br>SAMPLE LOCATION/<br>IDENTIFICATION | ION                                    | VOLUMI<br>(LITERS) | E WIPE<br>AREA                         | / E                                                                          |                                                                         | NALY:                                                                                                                | SIS<br>/ ફ્રે                      |                              | / ×          |                           | / 50                   | MATR         | <br>ix<br>{/ }}           | / ##         | WAB                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CLIENT CONTACT<br>ORATORY STAFF O                           |                                                 |
| 20070111WST5 01                                                                                                                                                                                                        |                                                       | Ulit                                   | (LITERS)           | 4'', 4''                               |                                                                              |                                                                         |                                                                                                                      | Š                                  |                              |              |                           | Ŕ                      | / 270        | 1 4-                      |              | 1 8                                                                    | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             |                                                 |
|                                                                                                                                                                                                                        |                                                       | · ···································· | SECURIO MESSE      |                                        | 200000000                                                                    | *127022                                                                 | North Control                                                                                                        | <u> </u>                           | YARACA P                     | 960 co       | M88900                    |                        |              | , wogeners                | 1250×150     | 68000000                                                               | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                    | Ву:                                             |
|                                                                                                                                                                                                                        | Flour                                                 | )<br>                                  |                    |                                        | 10.180/5/87                                                                  | AKEWEA                                                                  | EQLORINAS<br>CONTRACTOR                                                                                              | (20 <b>6</b> 200)                  | EESONINS                     |              | MATERIAL STATES           | 100400                 | e komska     | \$485256K62               | 17789a 43    | 2,6257642                                                              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             | <u></u>                                         |
| · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                  | Floor                                                 |                                        |                    |                                        | 9/11/9/2                                                                     |                                                                         |                                                                                                                      |                                    |                              | System (S)   |                           |                        |              | 1000 A                    |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
|                                                                                                                                                                                                                        | Door                                                  | 1 1                                    |                    | 0 000000 00000000000000000000000000000 | 0.0000000                                                                    |                                                                         | : 2501V2762                                                                                                          |                                    | Holokyooki                   | escuorevão   | s te cinamin              | 1                      | or Wisconsee | 10 000 (Che)              | description. | es les veres                                                           | : 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |                                                 |
|                                                                                                                                                                                                                        | Door                                                  |                                        |                    | Marie Errico                           |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              |                           |                        |              |                           |              |                                                                        | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                    | Ву:                                             |
|                                                                                                                                                                                                                        | Hall                                                  |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              | <u> </u>     |                           | arrior w               |              |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
|                                                                                                                                                                                                                        | Harl                                                  |                                        | 12.50              |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              |                           |                        |              |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
| ·····                                                                                                                                                                                                                  | 1-4411                                                |                                        |                    | M                                      |                                                                              |                                                                         |                                                                                                                      | 1/                                 |                              | <u> </u>     |                           |                        |              |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
| 20070111WST 5 09                                                                                                                                                                                                       | BLANK                                                 | V                                      |                    | NA                                     |                                                                              |                                                                         |                                                                                                                      | $\mathbb{V}$                       |                              |              |                           | W                      |              |                           |              |                                                                        | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Contact:                                                    | By:                                             |
|                                                                                                                                                                                                                        |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              |                           |                        |              |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
|                                                                                                                                                                                                                        |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              |              | rau jess<br>Parilijes     |                        |              |                           |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
|                                                                                                                                                                                                                        |                                                       |                                        |                    |                                        |                                                                              |                                                                         |                                                                                                                      |                                    |                              | T            | l                         | 1                      | 1            | 1                         |              |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
|                                                                                                                                                                                                                        |                                                       | 17.55                                  | -3-3-11            |                                        | 347.50                                                                       | şi Va                                                                   | 5/16/00                                                                                                              | Secon                              |                              | <b>1888</b>  | 10010                     |                        |              | 246                       |              | 12.44                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                 |
| LABORATORY STA  1. Date/Tim  2. Date/Tim  3. Page les P                                                                                                                                                                | e RCVD:/_<br>e Analyzed:/                             | ) <b>Y</b> )                           | Z                  | @<br>@                                 | Via:<br>By (                                                                 | Print):                                                                 |                                                                                                                      | Ţ                                  | iy (Prir                     |              |                           |                        |              | Sign                      |              |                                                                        | Sign:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             |                                                 |
| Posted to NGB F<br>May, 2018                                                                                                                                                                                           | eported To:<br>OIA Reading Room<br>ts:                |                                        |                    |                                        |                                                                              | BL                                                                      | ST AT                                                                                                                | /AILA                              | BLE C                        | -OP44e       |                           |                        |              |                           |              | Ti                                                                     | me:<br>FOIA Requested Re<br>Released by N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cord #J-15-0085 (M<br>Valional Guard Bure<br>Page 525 of 52 | au                                              |



#### BEST AVAILABLE COPY

### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

159352

| Mailing/Billing Inform                                                                 | ation:                              |              |                                       |                                                 |                                                                                                          |                                                                            | S         |                           |             | nform                                   |                        |                         |                          |                   |                |                                                                 |                                        |                                                               |                                                        |
|----------------------------------------------------------------------------------------|-------------------------------------|--------------|---------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------|---------------------------|-------------|-----------------------------------------|------------------------|-------------------------|--------------------------|-------------------|----------------|-----------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------|--------------------------------------------------------|
| 1. Client Name: N                                                                      | JG REGION NO                        | s th         | 114                                   |                                                 |                                                                                                          |                                                                            |           |                           |             |                                         |                        |                         |                          |                   |                |                                                                 | 4                                      |                                                               |                                                        |
| 2. Address 1: 301 -                                                                    | 14 OTA Bay                          | Lane         | <u>.</u>                              |                                                 |                                                                                                          |                                                                            |           | . Job                     | Loca        | ation:_                                 | W                      | >+m                     | : N S -                  | t r               | AIN            | MILV                                                            | ·                                      |                                                               |                                                        |
| 3. Address 2: Havit                                                                    | de Grace A                          | 10 2         | 1078                                  |                                                 |                                                                                                          |                                                                            | 3         | . Job                     | »#:         |                                         |                        |                         |                          |                   |                | P.O                                                             | ), #;                                  | # 410 942                                                     |                                                        |
| 4. Address 3:                                                                          |                                     |              | · · · · · · · · · · · · · · · · · · · |                                                 |                                                                                                          |                                                                            | 4         | . Co                      | ntact l     | Persor                                  | 1: NO                  | on-F                    | lesp                     | ons               | sive           |                                                                 | @ рһоле                                | # 410 942                                                     | 0273                                                   |
| 5. Phone #: <u>410 4</u>                                                               | 142 0273                            | Fax #        | 10                                    | 942                                             | <u>025</u>                                                                                               | 4                                                                          | 5         | . Şul                     | bmitte      | d by:                                   |                        |                         |                          |                   |                | 5                                                               | Signature: Nor                         | n-Responsive                                                  |                                                        |
| Delease include COC/f Date & Time Results Re                                           | auired://                           | @            |                                       |                                                 | nd. 🔯                                                                                                    | Í24hr                                                                      | □ 48      | hr 🗀                      | 72hr        | ∏5 F                                    | as soc<br>av +         | nn ast<br>∏lmn          | e <b>chni</b> o<br>od Af | cally f<br>ter-Ho | easibl<br>urs* | e):<br>  74h                                                    | r After Hours*                         | I ate-Nicht* (*must                                           | be pre-scheduled)                                      |
|                                                                                        | @ cell #                            |              |                                       | → Fax Cop                                       | y:                                                                                                       | ile (Books)<br>Januarya, Lya                                               | incomina. |                           | _ @ f       | ax #_                                   |                        |                         |                          |                   | Ų              | Emai                                                            | l Copy:                                |                                                               | 22.27.10.21.20.21.21.21.21.21.21.21.21.21.21.21.21.21. |
| PLM Bulk  EPA 600 - Visual E  EPA Point Count  NY State Friable 19  Grav. Reduction EL |                                     | QTY)         |                                       | TEM Don O Q O Q O Q O Q O Q O Q O Q O Q O Q O Q | LAP 19<br>Y State<br>esidual<br>tual. (pr<br>uan. (se<br>uan. (se<br>ter<br>ual. (pr<br>LAP 19<br>PA 100 | PLM<br>Ash_<br>res/abs<br>/area) L<br>res/abs<br>98.2/EI<br>1<br>olles rec | Oust De   | .m/Du<br>a D575<br>5480-9 | st(QTY      | _(QT)                                   | ()<br>(Q<br>(Q<br>!TY) | _(QTY                   |                          | 1                 |                | Dust V Air Soil/So TCLP Drinki Waste Dust V Direc Spore- Surfac | Chip                                   | QTY) Y) —(QTY) _(QTY) type)_                                  | (TY) Dust(QTY)                                         |
|                                                                                        | SAMPLE INFORMAT<br>SAMPLE LOCATION/ | (QTY)<br>ION | VOLUME                                |                                                 |                                                                                                          | A                                                                          | NALY      | SIS                       |             | ,                                       | / A                    | DUST.                   | MATR                     | <br>XX<br>867 880 | 1 10           | , =                                                             | ,                                      | CLIENT CONTACT                                                |                                                        |
| NUMBER                                                                                 | IDENTIFICATION                      |              | (LITERS)                              | AREA                                            | TEM                                                                                                      | / 2                                                                        | P. P.     | EAD                       | MOLD        | \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \ | <u> </u>               | / వై                    | / <i>\$28</i>            |                   | TAPE           | SWAB                                                            | /(LAI                                  | BORATORY STAFF C                                              | NLY)                                                   |
| 200701041155401                                                                        | Rall Door                           | 1,14         |                                       | H'74"                                           |                                                                                                          |                                                                            |           | $\times$                  |             |                                         |                        | $\triangleright \!\! <$ |                          |                   |                |                                                                 | Date/Time:                             | Contact:                                                      | By:                                                    |
| 02                                                                                     | Roll Door                           | 357          |                                       | 1                                               |                                                                                                          |                                                                            |           |                           |             | T                                       |                        | -                       |                          | 1                 |                |                                                                 |                                        |                                                               |                                                        |
| 03                                                                                     | Rell Door                           |              |                                       | $\forall$                                       |                                                                                                          |                                                                            |           |                           |             |                                         |                        |                         |                          |                   |                |                                                                 |                                        |                                                               |                                                        |
| 200701041157 404                                                                       | BLANK                               | W            |                                       | NIA                                             |                                                                                                          |                                                                            |           | VZ                        |             |                                         |                        | W                       |                          |                   |                |                                                                 |                                        |                                                               |                                                        |
|                                                                                        |                                     |              |                                       |                                                 |                                                                                                          |                                                                            |           |                           |             |                                         |                        |                         |                          |                   |                |                                                                 | Date/Time:                             | Contact:                                                      | Ву:                                                    |
|                                                                                        |                                     | Water Color  |                                       | www.subwa.eigia                                 | SHIVARA                                                                                                  | deema                                                                      |           | siyaas                    | 1 144411010 | a sayance                               | 1 225 349              | W INWARGO               | 3 (3.4) (3.1)            | (22/1840/22       | (2000) (SAY    | 91113 G 1110                                                    |                                        |                                                               |                                                        |
|                                                                                        |                                     |              |                                       |                                                 | No.                                                                                                      | Pacaless                                                                   |           | DWA.                      |             |                                         | 1,548.66               | 920193                  |                          |                   | Zeo Fritz      | (4.6° ),(4"                                                     |                                        |                                                               |                                                        |
|                                                                                        |                                     |              |                                       |                                                 |                                                                                                          |                                                                            |           |                           | 8/3/2/      |                                         |                        |                         |                          |                   |                |                                                                 | Date/Time:                             | Contact:                                                      | By:                                                    |
|                                                                                        |                                     |              |                                       |                                                 |                                                                                                          |                                                                            |           |                           |             |                                         |                        |                         |                          |                   |                |                                                                 |                                        |                                                               |                                                        |
|                                                                                        |                                     |              |                                       | 460.470.480                                     |                                                                                                          |                                                                            |           |                           | EX SE       |                                         |                        |                         |                          | 900               |                | 77.5                                                            |                                        |                                                               |                                                        |
| LABORATORY STA  1. Date/Tim  2. Date/Tim                                               | e RCVD:/_                           | Y)/          | 7                                     | @}<br>@                                         | /ia:<br>By                                                                                               | (Print):                                                                   |           | Ţ                         | By (Pri     | nt):                                    |                        |                         |                          | Sign              |                |                                                                 | Sign:                                  |                                                               |                                                        |
| 3. Results R<br>Posted to NGB F<br>May, 2018                                           | ÔIA Reading Room                    |              |                                       |                                                 |                                                                                                          | ВІ                                                                         | Yiai a    | VAIL                      | ABLE (      | c<br>B#                                 |                        | /                       |                          | 7                 |                | Ti                                                              | ne:<br>FOIA Requested F<br>Released by | Record #J-15-0065 (f<br>r National Guard Bur<br>Page 526 of 5 |                                                        |

A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear 2

Chain Of Custody:

150779

Address:

301-IH Old Bay Lanc, Attn; NGB-AVN-Si.

Job Location:

Westminster Armory

Date Submitted:

12/19/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

12/19/2006

19-Dec-06

Report Date:

Attention:

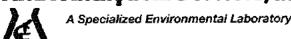


Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |       | rting<br>mit | F | inal Resu | ılt                | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|-------|--------------|---|-----------|--------------------|----------|
| 2724624              | 2004 121 211 277 21     | Manna         | Wina        | ****              | 0.444               | 27.00 | ug/ft²       |   | 31        | ug/ft²             |          |
| 0720024              | 20061215WST2 01         | Flame         | Wipe        | ****              | 0,444               |       | 7            |   | 55        | ug/ft²             |          |
| 0720025              | 20061215WST2 02         | Flame         | Wipe        |                   |                     | 27.00 | ug/ft²       |   |           | -                  |          |
| 0720026              | 20061215WST2 03         | Hame          | Wipe        | ***               | 0.444               | 27.00 | π≅\£Çş       |   | 200       | ug/ft²             |          |
| 0720027              | 20061215WST2 04         | Flame         | Wipe        | ***               | 0.444               | 27.00 | ug/ft²       |   | 80        | ug/ft²             |          |
| 0720028              | 20061215WST2 05         | Flame         | Wipe        | ****              | 0.444               | 27.00 | ug/ft²       |   | 28        | ೮೬/೮್              |          |
| 0720029              | 20061215WST2 06         | Flame         | Wipe        | 班撒班米              | 0.444               | 27.00 | ug/ft²       |   | 160       | ug/ft²             |          |
| 0720030              | 20061215WST2 07         | Flame         | Wipe        | ****              | 0.444               | 27.00 | ug/ft²       |   | 1100      | ug/ft²             |          |
| 0720031              | 20061215WST2 08         | Flame         | Wipe        | ****              | 0.444               | 27.00 | ug/fl²       | < | 27        | ug/ft²             |          |
| 0720032              | 20061215WST2 09         | Flame         | Wipe        | ****              | 0.444               | 27.00 | ug/ft²       | < | 27        | ug/fl <sup>2</sup> |          |
| 0720033              | 20061215WST2 10         | Flame         | Wipe        | ****              | 0.444               | 27.00 | ug/ft²       |   | 9600      | ug/ft³             |          |
| 0720034              | 20061215WST2 11         | Flame         | Wipe        | ***               | 0.444               | 27.00 | ug/ft²       |   | 86        | ug/ft <sup>2</sup> |          |
| 0720035              | 20061215WST2 12         | Flame         | Wipe        | ***               | 0.444               | 27.00 | ug/ft²       |   | 120       | ug/ft²             |          |
| 0720036              | 20061215WS72 13         | Flame         | Wipe        | ***               | 0.444               | 27.00 | ug/ft²       |   | 130       | n&\IJ;             |          |
| 0720037              | 20061215WST2 14         | Flame         | Wipc        | ****              | 0.444               | 27.00 | ug/fl²       |   | 140       | nā\t;              |          |
| 0720038              | 20061215WST2 15         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00 | ug           | < | 12        | ಚ್ಚಾ               |          |
| 0720039              | 20061215WST2 16         | Flame         | Wipe Blank  | ****              | N/A                 | 12.00 | ug           | < | 12        | ug                 |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc. NVLAP, NIST, or any agency of the Federal Government.



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear 2

Chain Of Custody:

150779

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-S1.

Job Location:

Westminster Armory

Date Submitted:

12/19/2006

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

12/19/2006

19-Dec-06

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample

Client Sample

Analysis Type

Sample Type

Air Volume (L)

Area Wiped

Reporting

Final Result

Number

Number

 $(ft^2)$ 

Limit

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) %Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Apalyst

See QC Summary for analytical results of quality control samples associated with these samples.

Report Date:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

Posted to 4N Gon Front Reading Room

May, 2018

RMR Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) *1/*2 150779

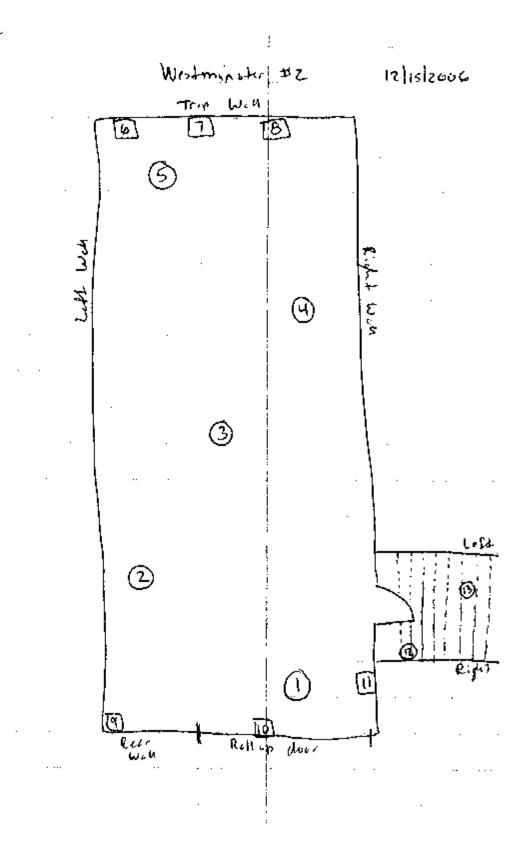
|                                                     | uu) 5 <del>-1</del> 0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -0701 - 1 ux (5) | J.,                                              | -            | V . V            |               |               |                                                  |                |             |              |        |               |           |                                                  |               |          |          |                                         |                    |                |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------|--------------|------------------|---------------|---------------|--------------------------------------------------|----------------|-------------|--------------|--------|---------------|-----------|--------------------------------------------------|---------------|----------|----------|-----------------------------------------|--------------------|----------------|
|                                                     | ing Information:  ame: NGB Region North IH  1: 301-1H Old Bay Lane 2: Hare de Grace HD 21078  3: 410 942 0273 Fax #: 410 942 0255  lude COC/field data shegts with results 2: Results Required: 12/20/00 Reporting Informat  @ cell # Fax Copy: Immed  ### Information:  ### Copy: Immed  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  ### Information:  #### Information:  ### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  ##### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Information:  #### Informa |                  |                                                  |              |                  |               |               |                                                  |                | bmitt       | al Inf       | ormat  | ion:          |           |                                                  |               |          |          |                                         |                    |                |
| Vianing/bining informat                             | include COC/field data sheets with results  Fax #: 410 942 0273  Fax #: 410 942 0255  E include COC/field data sheets with results  Time Results Required: La/20/00 @ 1030   Immed.  Is:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                                  |              |                  |               |               |                                                  | 1.             | Job         | Name         | :      | Jesta         | يرزي      | >+er                                             | <u> </u>      | t 2      | ·        |                                         |                    |                |
| Client Name: 170                                    | IH O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | d Berle          | 26                                               |              |                  |               |               |                                                  | 2.             | šob         | Locat        | ion:   | ووولم         | min       | ster                                             | Acm           | very.    |          |                                         |                    |                |
| 2. Address 1:                                       | - A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carrie M         |                                                  |              | 70               |               |               |                                                  | 3.             | dob         | #:           |        |               |           |                                                  |               |          | P.O.     | #:                                      |                    |                |
| 3. Address 2:                                       | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Grace P          | 10                                               | -150         |                  |               |               |                                                  | 4              | Con         | tact P       | erson: | Non-          | -Re       | spor                                             | nsive         |          |          | @ phone #                               | 410 942 02         | .73            |
| 4. Address 3:                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              | -410 01          | 12 43         | - EU          |                                                  | 5              | Sub         | mitted       | Lbw    |               |           |                                                  |               |          | Si       | gnature: Non-Re                         | esponsive          |                |
| 5. Phone # 410 942                                  | 027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3                | _ rax                                            | #:           | 710 4            | Tuefor        | <u>- 27</u>   | (Page                                            | -√-<br>nbte wi | out<br>H he | nenvi        | ded as | SOOT 2        | is tea    | chnica                                           | lly fea       | sible)   |          |                                         |                    |                |
| ☐ Please include COC/fiel  Date & Time Results Requ | ld data s<br>uired:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | theets with resi |                                                  | @            | Neportin<br>1036 |               | md. 🔀         | 24hr                                             | 48h            | r 🗀         | 72hr [       | ]5 Da  | y + []]       | immo      | d. Afte                                          | r-Hou         | rs* 🗆    | 24hr     | After-Hours* □Late                      | e-Night* (*must be | pre-scheduled) |
| ☐ Verbals:                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | @ cell #         | <del>, , , , ,</del>                             |              |                  | Fax Cop       | у:            |                                                  | <del></del>    |             | . @ fa       | x#     |               |           |                                                  |               |          |          |                                         |                    |                |
| Asbestos Analysis                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              |                  | TEM Bui       | 1k            |                                                  |                |             |              |        |               |           |                                                  | Le            | ad An    | alvsis   |                                         |                    |                |
| PCM Air - Please Indicate Fi                        | iter Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                |                                                  |              |                  | O.E           | LAP 19        | 3.4/Ch                                           | atfield.       |             |              | _(QT)  | <b>'</b> }    |           |                                                  |               | DO TO    | aint C   | hip(QT<br>ipe (wipe type_ <b>Ghes</b> : | i) 16              | (OTY)          |
| PC MCE Porosity                                     | in a 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | mm 37mm          |                                                  |              | Y State          | PLM/          | TEM           |                                                  | (OTV)          | (QLY)       |              |        |               |           | i A                                              | ic ''         | (QTY)    | ,        |                                         |                    |                |
| ☐ NIOSH 7400                                        | (OT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21 12<br>Yi      |                                                  | ASI          |                  |               | QLL           |                                                  |                |             |              |        | □ s           | oil/So    | id(QT                                            | Y)            |          |          |                                         |                    |                |
| TEM Air - Please Indicate F                         | iter Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | );               |                                                  | ual. (pro    | s/abs)           | Vacuu         | m/Du          | š <b>i</b>                                       |                | (QT)        | n            |        |               | ÜΥ        | CLP_                                             | (QTY)         |          |          |                                         |                    |                |
| PC MCE Porosity                                     | in a 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | mm 37mm          | buan. (s/a                                       | area) V      | acuum/           | D575          | 5-95 _        |                                                  | ((             | QTY)        | )            |        | O D           | rinkir    | ig Water                                         | _(QTY)        |          |          |                                         |                    |                |
| AHERA                                               | (QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | arca)D                                           | ust D64      | 480-9            | 9             |               | (QTY                                             | )              |             |              | 7.0    | vaste 1       | Water(C   | , )<br>, )                                       | (OTY)         |          |          |                                         |                    |                |
| I NIOSH 7402                                        | S:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |                                                  |              |                  |               |               |                                                  |                |             |              | ····   |               |           |                                                  |               |          | rust m   | the runace (wipe type                   | //                 | (4.17          |
| PLM Bulk                                            | # 410 942 0273 Fax #: 410 942 02 55 include COC/field data sheets with results ime Results Required: 12 / 20 / 00 @ 10 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                                  |              |                  |               |               |                                                  |                |             |              | · (O)  | Υ)            |           |                                                  | М             | lold - I | irect    | Microscopic Analysis                    | ;                  |                |
| LI EPA 600 - Visual Est                             | imate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PA 100.          | 1                                                | 7. 150.      | (O               | TY)           | ,,,           | -,                                               |                |             |              | ٦s     | pore-         | Trap(QTY) | ☐ Bulk(QT)                                       | 0             |          |          |                                         |                    |                |
| C EPA Point Count                                   | #. 410 942 0273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              |                  |               |               |                                                  |                |             |              |        | our athe      |           | noted                                            | ٦             | L) S     | urface   | • Swab (OTY)i                           | Surface Vacuum D   | ıst(QTY)       |
| I A State Friable                                   | Analysis  Please Indicate Filter Type:  CE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                                                  |              |                  |               |               |                                                  |                |             |              | uon um | ESS OTH       | or we the | e noteu,                                         |               | J S      | urtace   | Tape(QTY)                               | U Other (Specify   | (Q11)          |
| Other (specify                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | )                |                                                  |              |                  |               |               |                                                  |                |             | C LOTTO T    |        |               |           | CT                                               | LIENT CONTACT |          |          |                                         |                    |                |
| :                                                   | SAMPL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | / Al             | NALYS                                            | SIS          | 13               | 1             | 13.           | / & °                                            | AALKI<br> #a#  | }<br>} ∌∌   | 1 2          | SIFAB  | 1             |           |                                                  |               |          |          |                                         |                    |                |
|                                                     | ress 2: Harre de Grace HD 21078  ress 3:  ne #, 410 942 0273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                                                  |              |                  |               |               |                                                  |                |             |              |        | 8             | 3         | \$ \$ £                                          | E .           | E        | 3        | (LABO)                                  | RATORY STAFF ON    | LY)            |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  | $\mathbb{X}$ |                  |               |               | imes                                             | ]              |             |              |        | Date/Time:    | Contact:  | Ву:                                              |               |          |          |                                         |                    |                |
| 1                                                   | 1 100.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  | 1.4                                              | ~            |                  | 1             |               |                                                  | <b>_</b>       | П           | T            |        |               |           |                                                  | 1             |          |          |                                         |                    |                |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | <del>                                     </del> | -            |                  | $\dashv$      | +-            | <del>                                     </del> | 1              | <u>††</u>   |              | 1      |               | $\top$    |                                                  |               |          |          |                                         |                    |                |
|                                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ···              | 1                                                |              |                  | -             |               | <del> </del>                                     |                | +           | <del> </del> | +      | <del>  </del> | +         | <del>                                     </del> |               |          |          |                                         |                    |                |
| Marie                                               | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | <del>                                     </del> |              |                  | <del></del>   | -             | <del> </del>                                     |                | ┼ ╂-        | +            | +      | -             |           |                                                  |               |          |          | Date/Time:                              | Contact:           | By:            |
| Z0061215WST2 05                                     | Floor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  | $\sqcup$                                         | -            |                  |               | -             | -                                                | ļ              | ┾┿          |              |        |               |           | +                                                |               |          |          | Date Time.                              | Comaci.            |                |
| OC.                                                 | Walt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Trup             | 1                                                |              |                  |               | <del></del>   | ļ <u>.</u>                                       | <del> </del>   | +-+         | -            | -      |               | +         | ļ                                                |               |          |          |                                         |                    |                |
| 67                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                | $\sqcup$                                         |              |                  |               |               | <u> </u>                                         | ļ              | $\bot \bot$ | -            |        | 1             | -         |                                                  |               |          |          |                                         |                    |                |
| 08                                                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Trap             |                                                  |              |                  |               |               |                                                  | <u> </u>       | $\sqcup$    |              | _      |               | _         | ļ                                                |               |          |          |                                         |                    |                |
| 200612 IS WST2.04                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rear             |                                                  |              |                  |               |               | <u> </u>                                         | <u> </u>       | $\bot$      |              |        |               | 1         |                                                  |               |          | <u> </u> | Date/Time:                              | Contact:           | By:            |
|                                                     | الاداا                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                                                  |              |                  |               |               |                                                  |                |             |              |        |               |           |                                                  |               |          |          |                                         |                    |                |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              |                  |               |               | T                                                |                |             |              |        |               |           |                                                  |               |          |          |                                         |                    |                |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              |                  | $\neg \vdash$ |               |                                                  |                | $\top$      |              |        |               | ١.        |                                                  |               |          |          |                                         |                    | 4              |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | V                                                | 1            |                  | V             |               |                                                  |                | TV          |              |        |               | W         |                                                  |               |          |          |                                         |                    |                |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | ).<br>).V)                                       |              | <u></u> f        |               | <del></del> . |                                                  |                |             | 1            | N      | on-F          | Res       | spor                                             | nsiv          | е        |          | Non-R                                   | lesponsive         |                |
| 1. Date/Tim                                         | e RCVI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | D: 12-/-         | 19                                               | /_           | <u>ه ماه</u>     | <u>163 c</u>  | Via: 1        | ed                                               | EX             | <u></u>     | By (P        | riet)  |               |           |                                                  |               | _        |          | Sign                                    |                    |                |
| 2 Dota/Tim                                          | a Amalu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | mad:             | (Print)                                          | r            |                  |               |               |                                                  |                |             | Sign         |        |               |           |                                                  |               |          |          |                                         |                    |                |
| 3. Results R                                        | Information:  NGB Region North IH  301-1H Oil Bay Lane Harte & Grace HD 21078  10 942 0273 Fax #. 410 942 02.54  COC/field data sheets with results suits Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Required: La /20 / CO @ Doming Information (Results Reporting Information (Results Reporting Information (Results Reported To: La /20 / CO @ Doming Information (Results Reported To: La /20 / CO @ Doming Information (Results Reported To: La /20 / CO @ Doming Information (Results Reported To: La /20 / CO @ Doming Information (Results Reported To: La /20 / CO @ Doming Information (Results Reported To: La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO @ La /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 / CO /20 /  |                  |                                                  |              |                  |               |               |                                                  |                |             |              | Dat    | ė;            |           | /                                                | _/_           |          | T        | ime:                                    | Initia             | ls:            |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                  |              |                  |               |               |                                                  |                |             |              |        |               |           |                                                  |               |          |          | LOW Poguested D                         |                    |                |

### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

Page 530 of 5269

| www.amalab.com                                            |                                    |              |                         |                                                  |              |              | C <sub>m</sub> 1                                 | h:440            | ıl Info          |           | ion.             |              |                                                  |              |          |                 |                                       |                           |                  |                                       |
|-----------------------------------------------------------|------------------------------------|--------------|-------------------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|------------------|------------------|-----------|------------------|--------------|--------------------------------------------------|--------------|----------|-----------------|---------------------------------------|---------------------------|------------------|---------------------------------------|
| Mailing/Billing Informat                                  | tion:                              |              |                         |                                                  |              |              |                                                  | ioh N            | lame.<br>H IIIIO | ruur<br>f | 164.<br>داومه    |              | ter                                              | cle          | 7        |                 |                                       |                           |                  |                                       |
| 1. Client Name: NG 2. Address 1: 301                      | B Keylon Nory                      | <u> </u>     |                         |                                                  |              |              | 2                                                | Job I            | oratio           | · 1       | معمر<br>المدارية | · ~ : ^      | siec                                             | Acn          | Norv.    | d               |                                       |                           |                  |                                       |
| 2. Address 1: <u>501</u>                                  | IH OLA DAY L                       | 100          |                         |                                                  |              |              | 2.                                               | Job A            | L                | /11·      |                  |              |                                                  |              |          | P.O.            | #                                     |                           |                  |                                       |
| 3. Address 2: Hare 4. Address 3:                          | e ou brace, I                      | 10 21        | 2 175                   | <u></u>                                          | ···          |              | Δ.                                               | Cont             | act Per          | LEOB.     | Non              | -Res         | pons                                             | sive         |          | . r.o.          | #. @ phone #                          | 410 942                   | 0273             | 3                                     |
| 4. Address 3:                                             |                                    | r #-         | 410                     | 2U7 A2                                           | SU           |              | 5                                                | Suhn             | nitted l         | hv-       |                  |              |                                                  |              |          | Si              | gnature: Non-R                        | Responsive                |                  |                                       |
| 4. Address 3: 5. Phone #: 410 942  Please include COC/fie | 0213                               | rax #:_      | Denort                  | ina Inform                                       |              | Rem          | J.<br>Jis wi                                     | Mi he s          | muvid.           | ed 28     | 5000             | es fet       | balca                                            | ilv fes      | sible    | ):              |                                       | -                         |                  |                                       |
| ☐ Please include COC/fie<br>Date & Time Results Req       | id data sheets with res            | RUITS<br>@   | мереки                  |                                                  | d. 😿         | 24hr [       | 148h                                             | r ∏72            | Zha 🗆            | 5 Da      | y + 🔲            | Immo         | L Afte                                           | r-Hou        | rs* [    | 24br            | After-Hours* DL                       | ate-Night* (*mu           | st be pre-       | scheduled)                            |
| □ Verbals:                                                | @ cell #                           |              | Ū                       | Fax Copy                                         | ·            |              |                                                  |                  | @ fax            | #         |                  |              |                                                  |              | _ 🗅 E    | lmail           | Сору:                                 | @                         |                  |                                       |
| Asbestos Analysis                                         | G ccii "                           |              |                         |                                                  |              |              |                                                  |                  |                  |           |                  |              |                                                  | L            | ead Ar   | ralvsis         | 1                                     |                           |                  |                                       |
| PCM Air ~ Please Indicate F                               | ilter Type:                        |              |                         | U EL                                             | AP 198       | 8.4/Cha      | uicld_                                           |                  |                  | (QTY      | ()               |              |                                                  |              | Ŭ₽       | aint C          | hip(Q                                 | (TY)                      |                  |                                       |
| PC MCE Porosity                                           | in a 25mm 37mm                     |              |                         | ÜNY                                              | State        | PLM/I        | EM                                               |                  | (                | QTY)      |                  |              |                                                  |              | 29 (     | oust W          | ipe (wipe type 6 %                    | )                         | 2(Q              | TY)                                   |
| O NIOSH 7400                                              | (QTY)<br>(QTY)                     |              |                         | TEM Dust                                         |              | Ash          |                                                  | (                | (אוע             |           |                  |              |                                                  |              | üź       | oil/So          | Q(QTY)                                | TY)                       |                  |                                       |
| TEM Air - Please Indicate F                               | ilter Type:                        | O Ou         | al. (pre                | s/abs)                                           | Vacuu        | m/Dust       |                                                  |                  | (QT              | Y)        |                  |              | <b>©</b> 13                                      | CLP_         | (QTY)    | 1               |                                       |                           |                  |                                       |
| PC MCE Porosity                                           | in a 25mm 37mm                     |              | <u>□</u> Q <sub>0</sub> | an. (s/s                                         | uea) V       | acuum        | D5755                                            | -95              |                  | (         | (QTY)            |              |                                                  | O.           | Drinkir  | ng Water        | (QTY)                                 |                           |                  |                                       |
| ☐ AHERA<br>☐ NIOSH 7402                                   | (Q1 Y)<br>(OTY)                    |              |                         | Ul Qu<br>TEM Wate                                |              | area)Du      | ıst D64                                          | 180-99.          |                  |           | (Q1              | Y)           |                                                  |              | יינט     | waste<br>Just W | Water<br>Tipe Furnace (wipe ty        | (QXT)<br>ne               | 1                | (OTY)                                 |
| Cl Other (specify                                         | )                                  | (QTY)        |                         | □ Ou                                             | al. (pre     | es/abs).     |                                                  |                  | _(QTY            | כ         |                  |              |                                                  |              |          |                 |                                       |                           | ,                |                                       |
| PLM Bolk                                                  | timate(Q                           | TV\          |                         | Ŭ EL                                             | AP 19        | 8.2/EP/      | A 100.2                                          | 2                |                  | _(Q1      | TY)              |              |                                                  | M            | lold -   | Direct          | Microscopic Analys                    | sis                       | 40000 A          |                                       |
| EPA Point Count                                           | (QTY)                              | ,            |                         | ☐ EP                                             | A 100.       | Ι            |                                                  | (Q1              | Y)               |           |                  |              |                                                  | _            |          | Spore-          | Trap(QTY) c Swab(QTY                  | U Bulk<br>∆□ Surface Vacu | (QTY)<br>em Dust | OTY                                   |
| □ NY State Friable                                        | (Q1X)                              | OTT          |                         |                                                  |              |              |                                                  |                  | conditio         | on unl    | less oth         | nerwise      | noted.                                           | -            | ŏ:       | Surface         | e Tape(QTY)                           | Other (Specify            | y).              | (QTY                                  |
| ☐ Grav. Reduction ELA                                     | AP 198.1(                          | (OTY)        |                         | (TEM                                             | Water        | r sampl      |                                                  |                  |                  |           |                  |              |                                                  |              |          |                 | •                                     |                           |                  |                                       |
| G Caker (speen)                                           | SAMPLE INFORMAT                    | TON          |                         |                                                  | ,            | AN           | ALYS                                             | Sis              | , 3              | ,         | بد ر             | , <u>M</u>   | LATRI                                            | X            | 1 94     | 1 4             | ,                                     | CLIENT CONTA              | CT               |                                       |
| CLIENT ID<br>NUMBER                                       | SAMPLE LOCATION/<br>IDENTIFICATION |              | VOLUME<br>(LITERS)      | WIPE<br>AREA                                     | / §          | / Ž          | 1 2                                              | / <del>š</del> , | MOLD             | ₹         | / Egg            | ಕ್ಷ          | 188                                              | ğž           | <u> </u> | / <u>\$</u>     | (LAB                                  | ORATORY STAF              | FONLY)           |                                       |
| 20061215 WST 2 14                                         |                                    | 1215         | ·                       | 4"×4"                                            |              |              |                                                  | X                |                  |           |                  | $\times$     |                                                  |              |          |                 | Date/Time:                            | Contact:                  |                  | Ву:                                   |
| 15                                                        | BLANK                              |              |                         | NA                                               |              |              |                                                  |                  |                  |           |                  |              | l                                                |              |          | <u> </u>        |                                       |                           |                  |                                       |
| 20061215WST 2 16                                          |                                    | W            |                         | NA                                               |              |              |                                                  | V                |                  |           |                  | V            |                                                  |              |          | 1               |                                       |                           |                  |                                       |
| 20001210 03. 2 10                                         | CONTOL                             |              |                         | 1                                                |              |              |                                                  |                  |                  |           |                  |              |                                                  |              |          |                 |                                       |                           |                  |                                       |
|                                                           |                                    | <del> </del> |                         | 1                                                | 1            |              |                                                  |                  |                  |           |                  |              |                                                  |              |          |                 | Date/Time:                            | Contact                   | :                | By:                                   |
|                                                           |                                    | <del> </del> |                         | <u> </u>                                         | 1            |              |                                                  |                  |                  |           | 1                |              |                                                  |              |          |                 |                                       |                           |                  |                                       |
|                                                           |                                    | +            | , · · .                 | <del>                                     </del> | !            |              | <del>                                     </del> | 1                | · · · · ·        |           | ╁                | 1            | -                                                | · ·          |          | 1               |                                       | ***                       | ····             |                                       |
|                                                           |                                    | <del></del>  | <u> </u>                | -                                                | <del> </del> | <u> </u>     | -                                                | <del> </del>     |                  |           | -                | <del> </del> |                                                  |              |          | <del></del>     |                                       |                           |                  |                                       |
|                                                           |                                    |              | <del> </del>            | <del> </del>                                     |              | <del> </del> |                                                  | <del> </del>     |                  |           | +                | 1:           | <b></b> -                                        |              |          | ļ               | Date/Time:                            | Contact                   |                  | By:                                   |
|                                                           |                                    |              |                         | <u> </u>                                         | ╄            | <del> </del> | 1                                                | <del> </del>     |                  | -         | -                | -            | ├                                                | <u> </u>     |          |                 | Date/Time.                            | Contact                   |                  | ъy.                                   |
|                                                           | <u></u>                            | ļ            | <del> </del>            | <del> </del>                                     | <del> </del> | <del> </del> |                                                  |                  |                  |           | ╁                | <del> </del> |                                                  |              | -        | <del> </del>    |                                       |                           |                  |                                       |
|                                                           |                                    |              |                         | ļ                                                | ļ            | -            | <del> </del>                                     | -                |                  | <u> </u>  | <del> </del>     | <b>├</b> ─   | <del>                                     </del> | <del> </del> |          | ļ               |                                       |                           |                  |                                       |
|                                                           |                                    |              |                         |                                                  | <u> </u>     |              | <u> </u>                                         | ļ.,,             |                  | <b></b>   |                  | <b>_</b>     | ļ.,,,                                            |              | -        | ↓               |                                       |                           |                  | · · · · · · · · · · · · · · · · · · · |
|                                                           |                                    |              |                         | 1                                                |              |              |                                                  | <u></u>          | 1                | N         | in-              | Re           | sho                                              | nei          | Ve       | <u> </u>        | Non-Re                                | esponsive                 |                  |                                       |
| LABORATORY STA<br>1. Date/Tim<br>2. Date/Tim              | FF ONLY: (CLISTO                   | dx)          | A1 -                    |                                                  |              | اد د         | <b>=</b> ^                                       |                  |                  | 4         | J11              |              | مهر                                              |              | · · ·    |                 |                                       |                           | ĺ                |                                       |
| 1. Date/Tim                                               | e RCVD: K                          | 177          | 00                      | @ <u>[D</u> \$D                                  | Via: ۓ       | cat          | يكحن                                             |                  | 3y (Pun          | rt        |                  |              |                                                  |              |          |                 | S                                     |                           |                  |                                       |
| 2. Date/Tim                                               | e Analyzed:                        | /            | ./                      | @                                                | <u>⋰</u> Ву  | (Print):     |                                                  |                  |                  |           |                  |              |                                                  | Sign         | :        |                 | · · · · · · · · · · · · · · · · · · · |                           |                  | ******                                |
| 3. Results F                                              | Reported To:                       |              |                         |                                                  |              |              | Via: _                                           |                  |                  | _Dat      | e:               | /            | · ·                                              | _//          |          | Ti              | ime:                                  | I                         | nitials: _       |                                       |
|                                                           | Reading Room                       |              |                         |                                                  |              | BES          | T AVA                                            | AILAB            | LE CC            | PY        |                  |              | ····                                             |              |          |                 | FOIA Requested F                      | Record #J-15-00           | 85 (MD)          |                                       |
| May, 2018                                                 |                                    |              |                         |                                                  |              |              |                                                  |                  |                  |           |                  |              |                                                  |              |          |                 |                                       | / National Guard          | . ,              |                                       |



### reasissas and a constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constituti

Westminshi #2 12/15/2006 2006 1215 WST 201 - Floor, 9 from real well, 3' from (8) with Floor, 30' from rear; wall, 6' from @ wall Floor, SI from rear well, & from () Wall Floor, 90 from rear well, 6 from @ well Floor, 3' form trap well, 3' from @ well 05 Wall, Trap, 3 from @ well, 5 blacks from floor Wall trop 6' from @ wall, 3 blocks from floor Well, Trep, 12' from @ well, 9 blocks from floor Wall, Rear, adjacent to Quell, 10 Blocks from hour Wall, Rear, roll door, 9 for Owall, 200 x.bar Wall, Right top of An / heater switch box, 6' Responsely 12 Floor, Stairs, 1" step, back @ corner as going up 13 Floor, states, 6t stop, back, I from Quell as going up. 14 Flows , top stores landing , coincr of D well and door 15 Blank Blank 16

AMA Analytical Services, Inc. Alha (#100470) NVLAP (#101143-0) NY ELAP (10920)

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

4475 Forbes Blvd. • Lanham, MD 20706

www.amalab.com

BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 150779

| Mailing/Billing Informa                                                                                                                                                                                                                                                      | tion:                   |             |                                                  |                                                               |                                    |                                                                       |          |            | ıbmit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |              |                                        |                                       |                |              |             |             |                     |                                        |                               |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------|--------------------------------------------------|---------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|----------------------------------------|---------------------------------------|----------------|--------------|-------------|-------------|---------------------|----------------------------------------|-------------------------------|----------------|
| 1. Client Name: NG                                                                                                                                                                                                                                                           | B Region Nor-           | th          | iH                                               |                                                               |                                    |                                                                       |          | _          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |                                        |                                       |                |              |             |             |                     |                                        |                               |                |
| 2. Address 1: 301-1H Old Bay Lane                                                                                                                                                                                                                                            |                         |             |                                                  |                                                               |                                    |                                                                       |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |                                        |                                       |                |              |             |             |                     |                                        |                               | ······         |
| 3 Address 2: Harr                                                                                                                                                                                                                                                            | ce de Grace             | MD .        | 2107                                             | 18                                                            |                                    |                                                                       |          | 3.         | Job                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | #:               |              | Mon                                    | Po                                    | cnor           | eive         |             | _ P.O       | .#:                 |                                        |                               |                |
| 4. Address 3:                                                                                                                                                                                                                                                                |                         |             |                                                  |                                                               |                                    |                                                                       |          | . 4.       | Con                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | itact P          | erson        | NUII                                   |                                       |                |              |             |             |                     |                                        | 0 942 02                      | -73            |
| 4. Address 3: 5. Phone #: 410 942                                                                                                                                                                                                                                            | _ 5.                    | Sub         | mittec                                           | i by:                                                         |                                    |                                                                       |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S                | ignature:_N  | on-Resp                                | onsive                                |                |              |             |             |                     |                                        |                               |                |
| Diblogo includo COC/6                                                                                                                                                                                                                                                        | ald data cheete with re | enilte      | R                                                | Cenort                                                        | ing Inform                         | nation                                                                | Res      | ults v     | rill be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | provi            | ded a        | S 5001                                 | as te                                 | chnic          | ally fe      | asible      | e):         |                     |                                        |                               |                |
| Date & Time Results Req                                                                                                                                                                                                                                                      | prired://               | ·           | .@                                               | ····                                                          | []Imn                              | nd. 🗷                                                                 | 24hr     | <u> </u>   | ш 🔲                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2hr [            | _5 D:        | ıy + [                                 | Imm                                   | d. Aft         | er-Ho        | urs* [      | ]24h        | r After-Hours       | * □Late-Ni                             | ght* (*must be                | pre-scheduled) |
| □ Verbals:                                                                                                                                                                                                                                                                   | @ cell #                |             |                                                  |                                                               | Fax Copy                           | y:                                                                    |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | . @ fa           | x#           | ·                                      | · · · · · · · · · · · · · · · · · · · |                |              |             |             |                     |                                        | @                             | -              |
| Asbestos Analysis  PCM Air — Please Indicate F  PC MCE Porosity  INIOSH 7400  IFiberglass  TEM Air — Please Indicate F  PC MCE Porosity  AHERA  INIOSH 7402  IOTHOR (specify  PLM Bulk  I EPA 600 — Visual Est  I EPA Point Count  INY State Friable  II Grav. Reduction ELA | YTY)                    |             |                                                  | I NY I Re TEM Dus I Qu I Qu I Qu I Qu I EM Wat I Qu I EL I EF | Vacuu<br>Vacuu<br>Vacuum<br>ust D6 | /acuum/Dust(QTY) /acuum/Dust(QTY) cuum D5755-95(QTY) st D6480-99(QTY) |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |                                        |                                       |                | Paint Chip   |             |             |                     |                                        |                               |                |
| Other (specify ) (QTY)  SAMPLE INFORMATION  CLIENT ID SAMPLE LOCATION/ VOLUME WIPE   \$   \$   \$   \$   \$   \$   \$   \$   \$                                                                                                                                              |                         |             |                                                  |                                                               |                                    |                                                                       |          |            | SIS MATRIX CLIENT CONTACT  \[ \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow \frac{1}{2} \rightarrow |                  |              |                                        |                                       |                |              |             |             |                     |                                        |                               |                |
| NUMBER                                                                                                                                                                                                                                                                       | IDENTIFICATION          |             |                                                  | ITERS)                                                        |                                    | / =                                                                   | / A      | / = /      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ( <del>- S</del> | (₹           | ~~                                     | Ã                                     | / ≥ ≥ 5        | / 55         |             | 12          |                     |                                        | ORY STAFF ONL                 |                |
| 20061215 WST 2 14                                                                                                                                                                                                                                                            |                         | 121         | 5                                                |                                                               | 4"x4"                              |                                                                       |          | · · · · ·  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  | ļ            |                                        |                                       |                |              |             | ·           | Date/Time:          |                                        | Contact:                      | Ву:            |
|                                                                                                                                                                                                                                                                              | BLANK                   |             |                                                  |                                                               | NA                                 |                                                                       |          | 1          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -<br>            | 727          | e ind                                  | V                                     | 7.7.7          |              |             | ļ           |                     |                                        |                               |                |
| 20061215W572 16                                                                                                                                                                                                                                                              | BLANK                   | V           |                                                  |                                                               | NA                                 |                                                                       |          |            | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                |              | <u> </u>                               | V                                     |                |              |             |             | ļ                   |                                        |                               |                |
|                                                                                                                                                                                                                                                                              |                         | <del></del> |                                                  |                                                               |                                    | ļ                                                                     |          |            | ļ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              | ļ                                      |                                       |                |              |             |             |                     |                                        |                               |                |
|                                                                                                                                                                                                                                                                              |                         | -           |                                                  |                                                               |                                    |                                                                       |          | -          | <del> </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ļ                | ╂            | -                                      |                                       | ļ              |              |             |             | Date/Time:          |                                        | Contact:                      | Ву:            |
|                                                                                                                                                                                                                                                                              |                         |             | -31 (3)                                          |                                                               |                                    |                                                                       | E COLOR  | -          | 10.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10               | 1000         | 10.5                                   | Diense,                               | # A # Y        | 10 - 27      |             | <u> </u>    | <b>-</b>            |                                        |                               |                |
|                                                                                                                                                                                                                                                                              |                         |             |                                                  |                                                               |                                    | 1                                                                     |          | -          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                | <del> </del> |                                        | ļ                                     |                |              |             | <del></del> | <b></b>             |                                        |                               |                |
|                                                                                                                                                                                                                                                                              |                         | -           |                                                  |                                                               |                                    | 11 12 11                                                              |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F1, 1978-1       |              | N. 100                                 | 20.25                                 | e jeva,        | 10.7 - 2     | 1 11/10     | 1000        |                     |                                        | _                             |                |
|                                                                                                                                                                                                                                                                              |                         | -           |                                                  |                                                               |                                    | 1                                                                     |          | -          | ļ. <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  | ļ            |                                        | -                                     |                |              |             | <u> </u>    | Date/Time:          |                                        | Contact:                      | Ву:            |
|                                                                                                                                                                                                                                                                              |                         |             |                                                  |                                                               |                                    | ļ                                                                     |          | ļ .        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100.000          | ļ            |                                        |                                       | ļ              |              |             | -           |                     |                                        |                               |                |
|                                                                                                                                                                                                                                                                              |                         |             |                                                  |                                                               | 7. 7.1 (1)                         | <u> </u>                                                              |          |            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              |                                        |                                       |                |              |             |             | · .                 |                                        | <u></u>                       |                |
|                                                                                                                                                                                                                                                                              |                         |             |                                                  |                                                               |                                    |                                                                       | ļ.,      | ļ          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |              |                                        |                                       |                | (400 x 0) in |             |             |                     | -                                      |                               |                |
|                                                                                                                                                                                                                                                                              |                         |             |                                                  | 989 699                                                       |                                    |                                                                       |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |                                        |                                       |                | L            |             | <u> </u>    | <u> </u>            |                                        |                               |                |
| LABORATORY STA<br>1. Date/Tim                                                                                                                                                                                                                                                |                         | DY)         | /_                                               |                                                               |                                    | Via:                                                                  |          |            | لـــــا                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Зу ( <b>Р</b> ш  | nt);         |                                        |                                       |                |              |             |             | Sign:               |                                        |                               |                |
| 2. Date/Tim                                                                                                                                                                                                                                                                  | e Analyzed:/            | /           | /.                                               |                                                               | @                                  | Ву                                                                    | (Print): |            | 7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | ATT.         |                                        | 7 14 1                                | Salar<br>Salar | Sign         | <del></del> |             |                     | ······································ | *****************             |                |
| Posted to NGB FOL                                                                                                                                                                                                                                                            | eported To:             |             |                                                  |                                                               |                                    |                                                                       | BEST     | Via<br>AVA | LABL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | E COI            | Date         | :                                      | /                                     |                | /_           | ··          | _ Ti        | me:<br>IA Requested | Record #1 1                            | britials<br>15-0085 (MD)      | :              |
| May, 204.8Commen                                                                                                                                                                                                                                                             | is:                     |             | <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> |                                                               |                                    | www                                                                   |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              | ······································ |                                       |                |              |             |             |                     | y National C                           | Suard Bureau<br>5 533 of 5260 |                |



BEST AVAILABLE COPY

(Please Refer To This Number For Inquires)

150779

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) **CHAIN OF CUSTODY** 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www amalah com

| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ation:            |                                   |              |                    |                                            |                  |                  |                            |                          |                 |                                                |              | nform       |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------|--------------|--------------------|--------------------------------------------|------------------|------------------|----------------------------|--------------------------|-----------------|------------------------------------------------|--------------|-------------|-------------------------|--------------------------------------------------------|-----------------|-----------------|-----------------------------------------------|-----------------|-------------|-----------------|---------------------------------------------------|------|
| 1. Client Name: No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                   |              |                    |                                            |                  |                  |                            |                          |                 |                                                |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| 2. Address 1: 301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -1H 4             | old Bay L                         | ane          | ·                  |                                            |                  |                  |                            |                          | _ 2             | 2. Jo                                          | b Loc        | ation:      | <u> </u>                | 2541                                                   | <u>~ : .</u>    | ~ 5+c/          | _Α.                                           | mon             | /           |                 |                                                   |      |
| 3. Address 2: Ha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ec d              | e Grace                           | HD           | 210                | 278                                        |                  |                  |                            |                          | _ 3             | 3. Jo                                          | b#:_         |             |                         |                                                        |                 |                 |                                               |                 | P.C         | ). #:           |                                                   |      |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                   |              |                    |                                            |                  |                  |                            |                          | _ 4             | 1. C                                           | ontact       | Perso       | n: N                    | ion-                                                   | Κŧ              | espo            | nsiv                                          | <u>e</u>        |             | @               | on Posponsivo                                     | 0273 |
| 3. Address 2: Haddress 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 02             | 73                                | Fa           | ax #:_             | 410                                        | 947              | 07               | <u> 54</u>                 | a a distance and the way | _ 5             | 5. St                                          | ıbmitt       | ed by:      | A                       | والمراجعة                                              | the common to   |                 | ale sussessing                                | 447.688 T. U.S. |             | Signature:_     | ull-ixespullsive                                  |      |
| ☐ Please include COC/f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | eld data          | sheets with re                    | sults        |                    | Report                                     | ting             | Infor            | matio                      | n (Ke                    | sults           | will t                                         | e pro        | vided       | 25 50                   | oon a                                                  | ts te           | chnic           | ally f                                        | easib           | e):         |                 |                                                   |      |
| Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                   |              |                    |                                            |                  |                  |                            |                          |                 |                                                |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| ☐ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                   | _ @ cell #                        | - <u> </u>   |                    |                                            |                  |                  |                            | 34.4.7.2.                |                 | 34.34.43                                       | @            | tax#_       |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| Asbestos Analysis TEM Bulk • PCM Air − Please Indicate Filter Type: □ ELAP 198.4/Cbatt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                   |              |                    |                                            | hattiel          | d                |                            | (0)                      | TTV1            |                                                |              |             | 3                       | Lead A<br>∩                                            | nalysi<br>Point | is<br>Thin      | (OTY)                                         |                 |             |                 |                                                   |      |
| PC MCE Porosity in a 25mm 37mm INY State PLM/TE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                   |              |                    |                                            |                  | /TEM             | u                          |                          | (Q<br>(OT       | Y)                                             |              |             |                         | Paint Chip (QTY)  Dust Wipe (wipe type Ghost) 16 (QTY) |                 |                 |                                               |                 |             |                 |                                                   |      |
| ☐ NIOSH 7400<br>☐ Fiberglass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | (QTY)                             |              |                    |                                            |                  |                  |                            |                          |                 | (QTY)                                          |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| TEM Air - Please Indicate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Q)<br>Filter Tyr | IX)<br>ne:                        |              |                    |                                            | TE               | M Du             |                            | (.).                     | \ <b>T</b> [    | ☐ Soil/Solid(QTY)                              |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | in a 2            | 25mm 37mm                         |              |                    |                                            |                  |                  |                            |                          |                 | coum/Dust                                      |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| CLATTER A COTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                   |              |                    |                                            |                  |                  |                            |                          | t D6480-99(QTY) |                                                |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ···············   | _)                                | _(QT         | Y)                 |                                            | ΉE               | M_Wa             |                            | / .                      |                 |                                                | (0           | mm.c        |                         |                                                        |                 |                 |                                               |                 | Dust \      | Vipe Furnace (v | vipe type)_                                       | (Q1  |
| PLM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                                   |              |                    |                                            |                  |                  |                            |                          | PA 100          | 100.2 (QTY) Mold - Direct Microscopic Analysis |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| ☐ EPA 600 - Visual Estimate (QTY) ☐ EPA 100.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                                   |              |                    |                                            |                  |                  |                            |                          | (               | QTY)                                           |              | ~~,         |                         |                                                        |                 | •               |                                               | Spore           | -Trap(Q     | (C) TY) 🗓 Bulk( | TY)                                               |      |
| NY State Friable (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                   |              |                    |                                            |                  |                  |                            |                          | eived           | in god                                         | od cond      | lition u    | nless                   | other                                                  | wise            | noted           | D Surface Stuck (OTV) D Surface Western Durch |                 |             |                 |                                                   |      |
| Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                   | (QTY<br>_(OT |                    |                                            |                  |                  | M Wate                     |                          |                 |                                                |              |             |                         | <b>442</b>                                             |                 |                 | `                                             | u               | Surfac      | æ Tape          | (QTY) U Other (Specify                            | (Q   |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | E INFORMAT                        |              |                    |                                            |                  |                  |                            | A                        | NALY            | (SIS                                           |              | `           |                         |                                                        | . N             | IATR            | J<br>DX                                       |                 | •           |                 | CLIENT CONTACT                                    | r    |
| CLIENT ID SAMPLE INFORMATION VOLUME WIPE ANA IDENTIFICATION DATE (LITERS) AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                   |              |                    |                                            | 13               | / 5              | ? / ĝ                      | 7 / ≋                    | : / :           | ž/                                             | US.          | / He        | (LABORATORY STAFF ONLY) |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                   |              | ا ج                | (LILERS)                                   | 110              | ×4"              | 198700                     |                          |                 | Ś                                              | 15           |             |                         |                                                        | <u></u>         | 7 10            | 3.                                            | F               | / S         | :               |                                                   |      |
| 20061215W572 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | N 2012 12 4 7 5 7 10 10.          | 1.4          | (1)                | tiditi kungaken                            | Ø <b>□</b> ■ ; : | <u> </u>         | . (20., 617.7 <sub>9</sub> | Participani              | 4844 777        |                                                | 1            | 2.100.00    | 24 (24)                 | 200                                                    |                 |                 | 20.547-17                                     | 10.0000         | Settle of a | Date/Time:      | Contact:                                          | By:  |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 74 × 14 (10°)     |                                   | 0 0 238      | 3333               | x5/20/20/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3 |                  | x 45854          | 1 400,000 (1)              | 7844,925                 | 7 (20)(21)(5)   | de de                                          | 4100000      | 75 303540   | Q 550,0                 |                                                        | 100             | 40.878.879      | 6 a.c.                                        | -<br>           |             |                 |                                                   |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   | 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |              |                    | Becatilization.                            | 120,000          | 123,000          | 199000                     | Barrio                   | apisticae       | ***                                            | M(6)(0)(2)   | S 10000     | VI                      | 1594 80                                                | 1               | V 2000          | 300.00                                        | 13-13.0         | 100000      |                 |                                                   |      |
| ७५                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   | <u> </u>                          | 5 45 48 A    | 45084              | range video                                | A GAZAN          | 48232            |                            | Message :                | er kolonistania | alaan s                                        | 1379.882     | rai de accu | 55 5.37                 | otalia (ora)                                           | V 5277          | 0.0023075       | 1949.45                                       | 3.37.4          | 1.000000    | ļ               |                                                   |      |
| Z00612151057205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                   | * N 7-32     | (N)/4              | (                                          | 1/2              | 1 (New A         | 6.52.47.                   | 40.149                   | Millione.       |                                                | (1986) S.V.  | ga Digar    | 2 989                   | SU N                                                   | 1               |                 | C. 1111                                       | A-402           | 7886.23     | Date/Time:      | Contact:                                          | Ву:  |
| The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s | Wall              |                                   |              | - 27 5 , 27 5 72   | Constitution of                            | 200 200 000      | S 2000 1970      |                            |                          |                 |                                                | r 11 200 000 | 2000000     | 20 S 7 0                | Na. 17 (200)                                           |                 | Victoria (Const | ara antis es                                  | 105000000       |             | ļ               |                                                   | was  |
| 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                 |                                   | 100          |                    |                                            |                  | 67/26            |                            |                          |                 |                                                |              |             |                         |                                                        |                 |                 |                                               | 11327           |             |                 |                                                   |      |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   | Trap                              |              |                    | TO TUCCIONITAT                             |                  | <u> </u>         | <b>_</b>                   | 1000.00                  |                 |                                                |              |             | 9 99 99                 | 00000000000                                            | 1               |                 |                                               |                 |             |                 |                                                   |      |
| 20061215 WST2 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | Rear                              |              |                    |                                            |                  |                  |                            | W                        |                 |                                                |              |             |                         |                                                        |                 | 282             |                                               |                 |             | Date/Time:      | Contact:                                          | Ву:  |
| LO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Well              | Rear                              |              |                    |                                            |                  |                  | <u> </u>                   |                          |                 |                                                |              |             |                         |                                                        | L               |                 |                                               |                 |             | <u> </u>        |                                                   |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | heche             | Switch box                        | 計學的          |                    |                                            |                  |                  |                            |                          |                 |                                                |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 |                                                   |      |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Floor             | Stairs                            |              | 1.                 |                                            |                  |                  |                            | <u> </u>                 |                 |                                                |              |             |                         |                                                        | 1.              |                 |                                               |                 |             |                 |                                                   |      |
| 20061215 WST2 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Floor             | , strin                           | > " <b>\</b> | <b>7</b>           |                                            |                  | $\mathbb{V}_{-}$ |                            |                          |                 | \                                              |              |             |                         |                                                        | ₩               |                 |                                               |                 |             |                 |                                                   |      |
| LABORATORY STA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | intila in the print of a          | OY)          | energy<br>Personal |                                            |                  |                  |                            | Volume :                 |                 |                                                |              |             | \$0.0                   |                                                        |                 |                 |                                               |                 | lagi.       |                 |                                                   |      |
| 1. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e RCVI            | ):/_                              |              | _/_                | @                                          | ۵                | <u> </u>         | Via:                       |                          |                 | 8(8).                                          | Ву (Ра       | int):       |                         |                                                        |                 |                 |                                               |                 |             | Sign:           |                                                   |      |
| 2. Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | e Analy:          | zed:/                             | /            |                    | /                                          | _@_              |                  | Ву                         | Print):                  |                 |                                                |              |             | yw.                     |                                                        |                 |                 | Sign                                          | •               |             |                 |                                                   |      |
| Posted to NEB R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                                   |              |                    | 24,72.8K.                                  |                  |                  |                            |                          |                 | <b>/</b> Δ11_/                                 | BLE (        | OD W        | e:                      | \$155°                                                 | _/              |                 | _/                                            |                 | _ T⊭        | Of A Requeste   | ed Record #J-15-008                               | als: |
| May, <b>4008</b> mmen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   | iung Noom                         |              | 977                |                                            | 437              |                  |                            | , ,                      | ~ · · · ·       | . ,                                            |              |             |                         |                                                        |                 | : X.11.         |                                               |                 |             | Released        | d Record #J-15-6065 (N<br>Lbv National Guard Bure |      |
| • • • • • • • • • • • • • • • • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                   |              |                    |                                            |                  |                  |                            |                          |                 |                                                |              |             |                         |                                                        |                 |                 |                                               |                 |             |                 | Page 534 of 52                                    |      |

## (B) \$ (D) Wall grood BEST AVAILABLE COPY

Rt. wall behind plenum, 12.8' to rear <110 WES-120606-001 797 door, 15.6' to range door, 6' up) Rt. wall, firing position 5, halfway to trap 798 wall above receptacle (5.5' up) WES-120606-002 <110 Rt. wall, firing position 5, next to trap WES-120606-003 < 110 799 wall (5' up). Lower trap wall (4.3' to rt. wall/1.3' up) 700 800 WES-120606-004 Center trap wall (12.8' to rt. wall/7.3' WES-120606-005 < 110 801 < 110 802 WES-120606-006 Mid-portion trap wall 803 < 110 Left wall from firing position 1 (7' up) WES-120606-007 Left wall from firing position 1 (6' in front of firing line/5.3' up) WES-120606-008 <110 804 805 WES-120606-009 <110 Left wall behind plenum to back 806 Floor at plenum (10' from back) WES-120606-010 1,500 WES-120606-011 1.400 807 Floor at firing position 4 Floor, halfway to trap wall on firing WES-120606-012 350 808 position 2 809 Floor next to trap wall (8.5') WES-120606-013 1,500 810 WES-120606-014 1,500 Door to the back 811 Exhaust on left wall of plenum (9.3' up) WES-120606-015 330,000 Air duct, plenum rt. wall from firing 812 position 5 (12.7' up) WES-120606-016 960 WES-120606-017 700 813 Steps outside range restricted area sign Floor upstairs from firing range entrance WES-120606-018 460 814 WES-120606-019 <110 815 Locker Room adjacent to range Outside door to gym basketball court 816 WES-120606-020 120 area

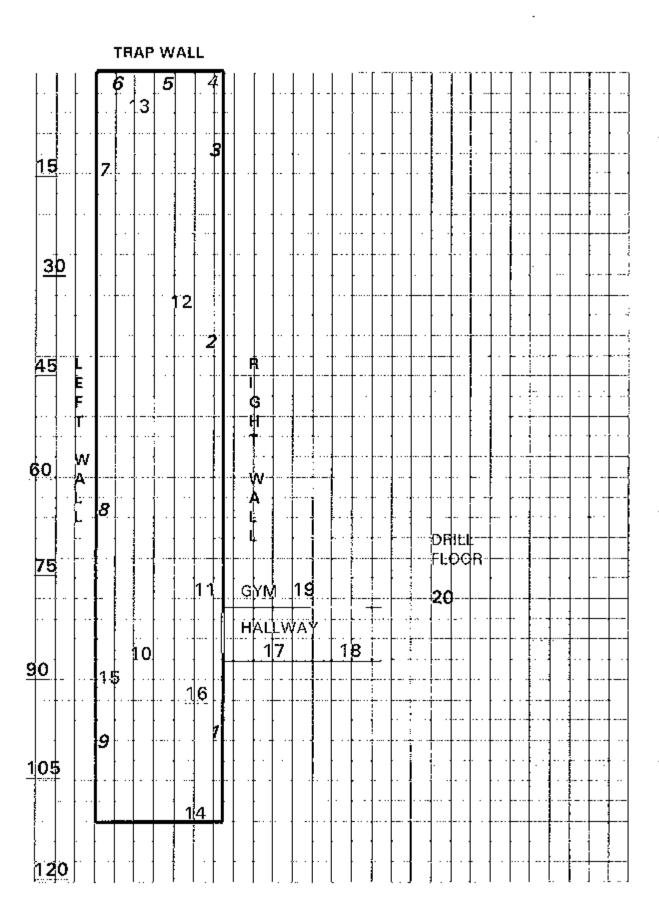
3 tim

\$ >410 er

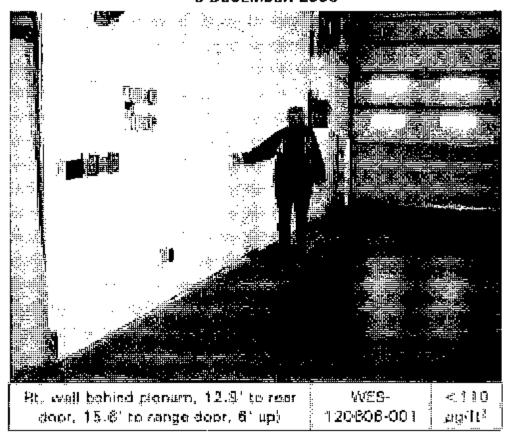
2 000

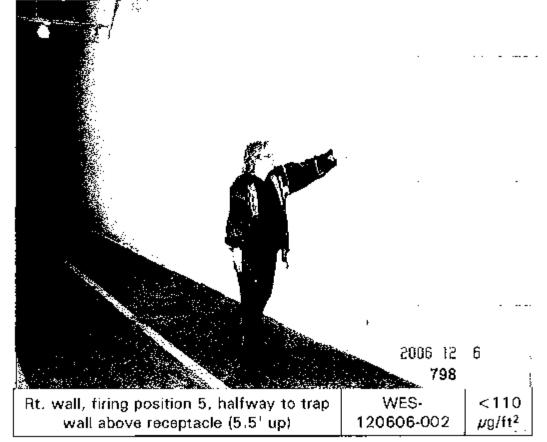
3 outil

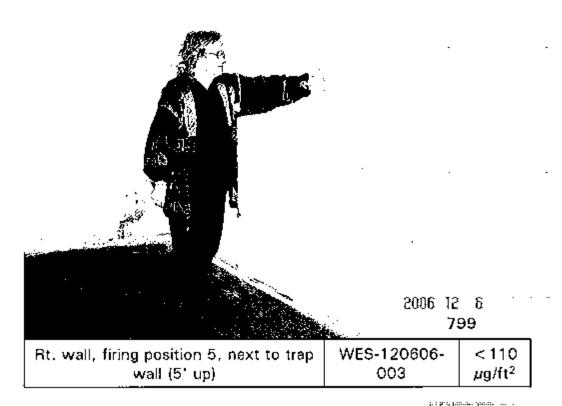
10011 Port



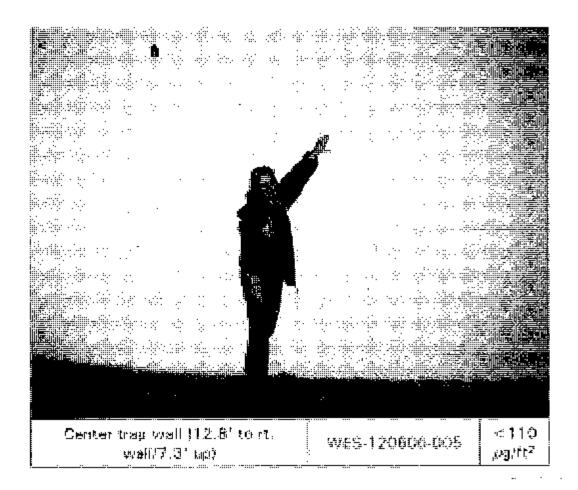
### WESTMINSTER ARMORY 6 DECEMBER 2006

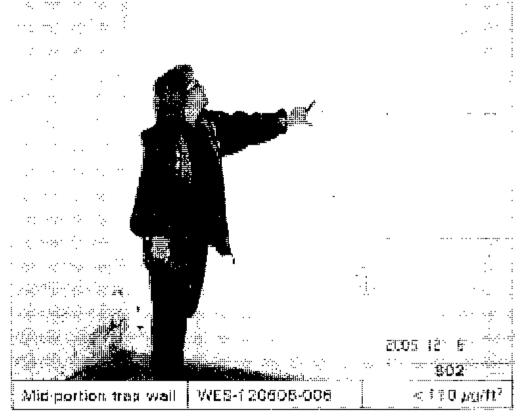


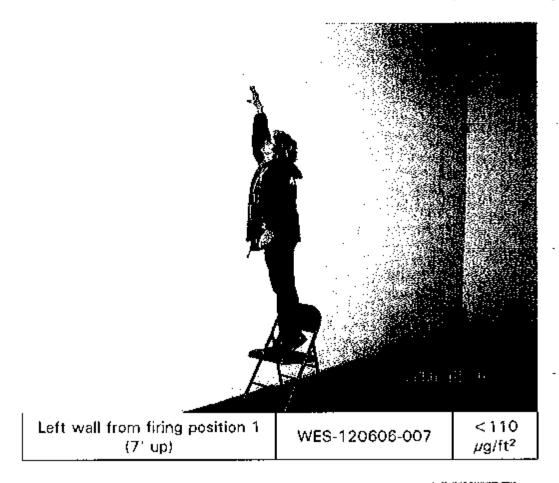


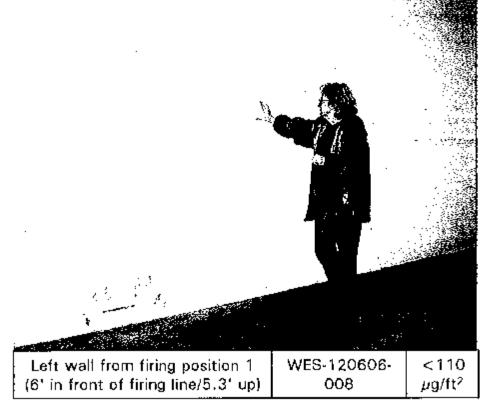


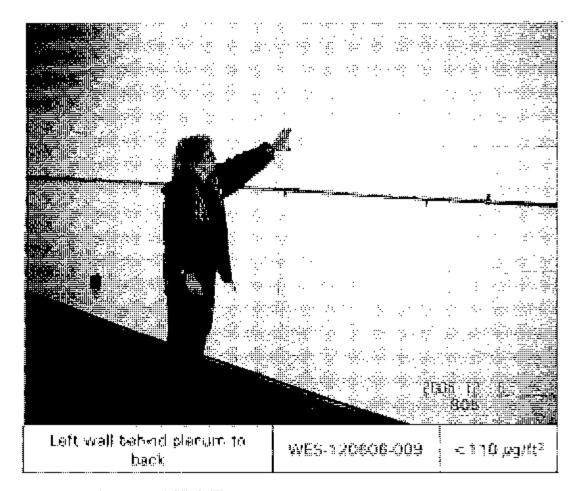


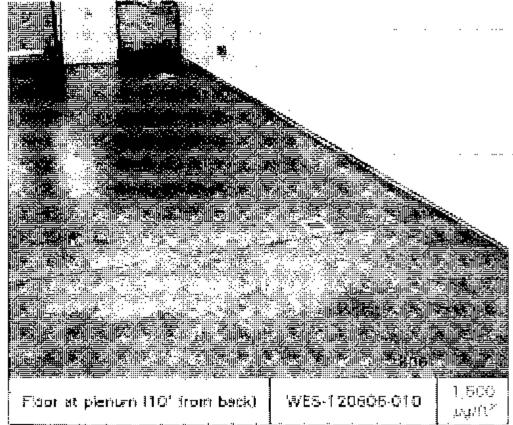


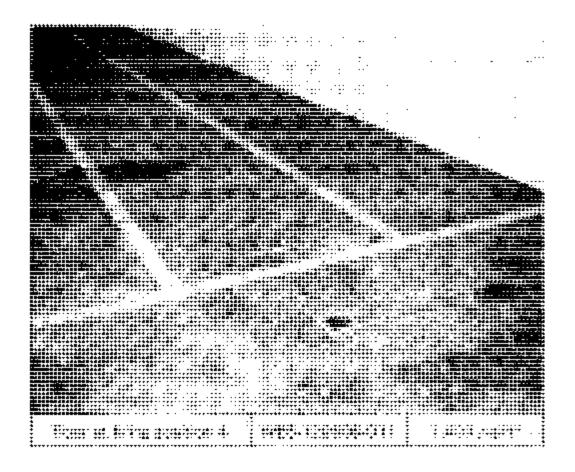


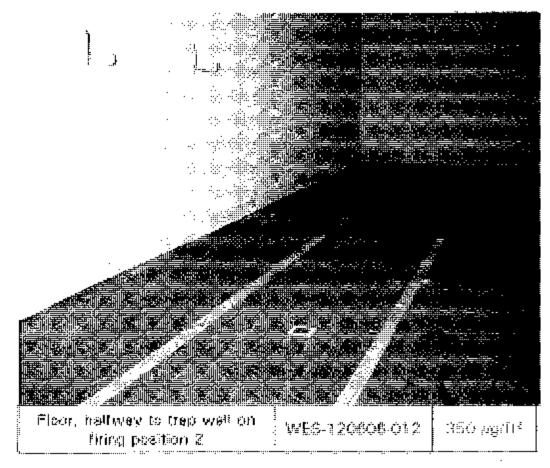


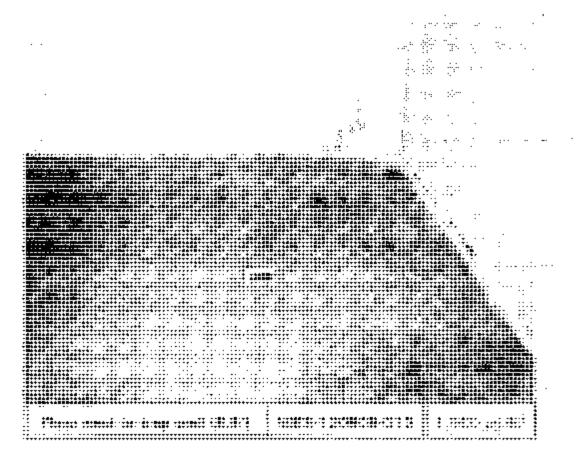


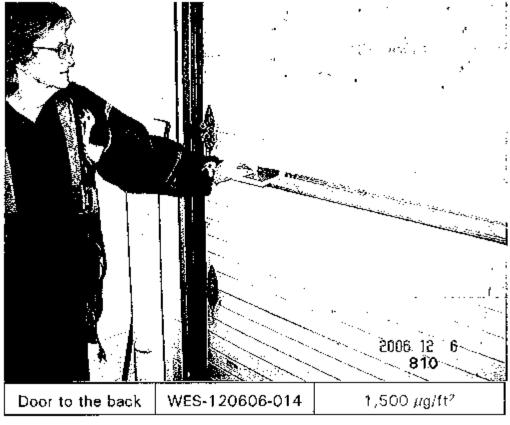


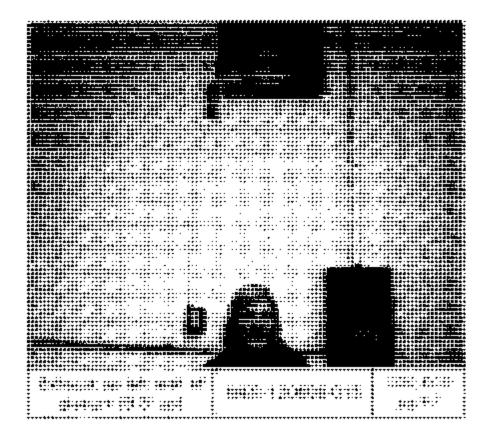




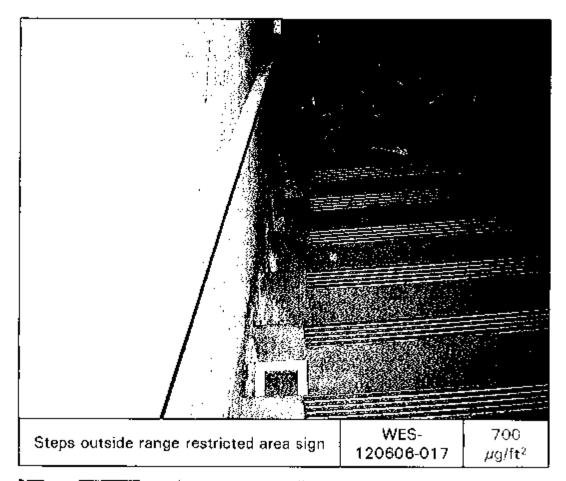


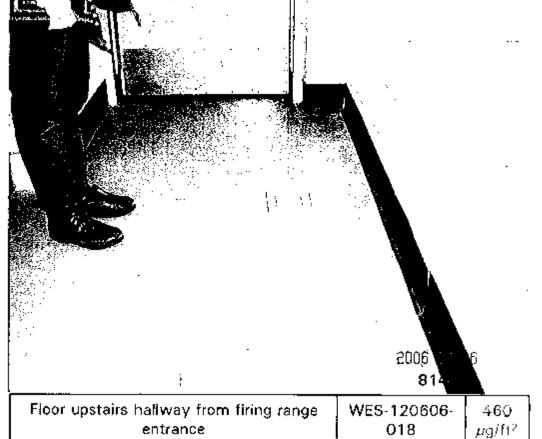


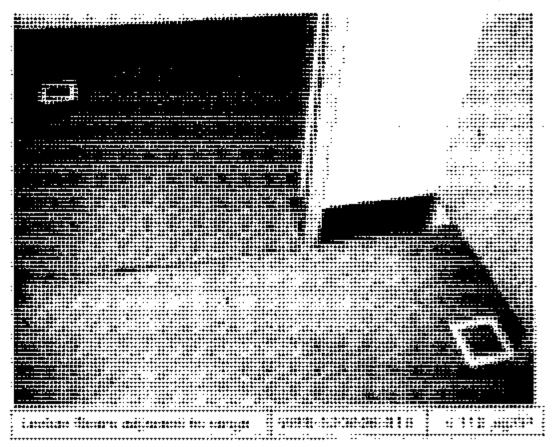


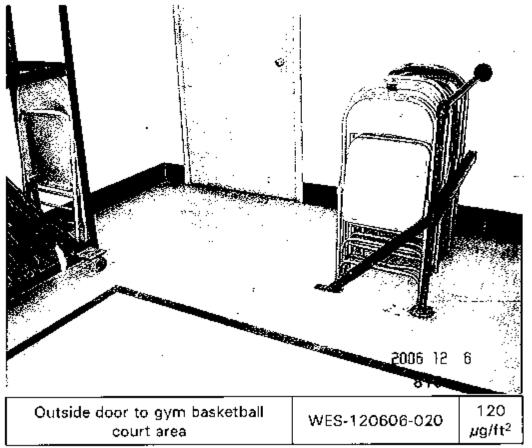












A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Clear #4

Chain Of Custody:

159352

Address:

301-IH Old Bay Lanc, Atta: NGB-AVN-SI,

Job Location:

Westminster Annory

Date Submitted:

1/5/2007

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided Person Submitting: Date Analyzed:

1/5/2007

Report Date: 05-Jan-07

Attention:



### Summary of Atomic Absorption Analysis for Lead

Page I of I

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type         | Sample Type   | Air Volume<br>(L)   | Area Wiped<br>(ft²) | Reporting<br>Limit | Fi              | inal Resul | lt                 | Comments |
|----------------------|-------------------------|-----------------------|---------------|---------------------|---------------------|--------------------|-----------------|------------|--------------------|----------|
|                      |                         |                       |               |                     |                     |                    |                 |            |                    |          |
| 0722975              | 20070104WST4 01         | Flame                 | Wipe          | <b>非水和</b> 电        | 0.111               | 108.01 ug/ft²      | <               | 110        | ug/ft²             |          |
| 0722976              | 20070104WST4 02         | Flame                 | Wipe          | ***                 | 0.111               | 108.01 ug/ft²      |                 | 730        | ug/ft²             |          |
| 0722977              | 20070104WST4 03         | Flame                 | Wipe          | ***                 | 0.111               | 108.01 ug/ft²      |                 | 1100       | ug/ft²             |          |
| 0722978              | 20070104WST4 04         | Flame                 | Wipe Blank    | ****                | N/A                 | 12.00 ug           | <               | 12         | ug                 |          |
|                      |                         | Service and Call/Call | EDA CDO/D 03/ | 200/64) 2/20, 18/44 | CSE 2444D           | See AC Summar      | v for analytica | at reculte | of avality control | eamnies  |

Analysis Method for Flame; Air, Wipes, Paints. and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-31118 Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

See QC Summary for analytical results of quality control samples associated with these samples.

N/A = Not Applicable

May, 2018

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

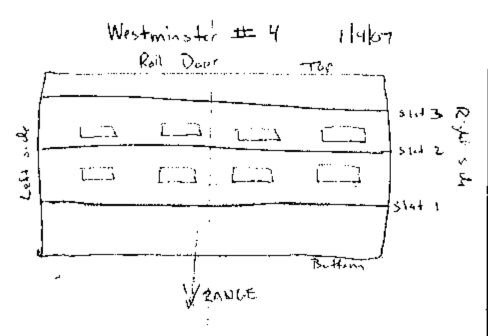
should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to elients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



20070104WST401- Stat 1, Chatered under 2nd window from (1)
02: stat 2, Centered under 3nd window from (1)
03: stat 3, Centered over 2nd window from (1)
04- BLANK

BEST AVAILABLE COPY



### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Havre de Grace, Maryland 21078

Job Name:

Westminster Armory

Chain Of Custody:

148419

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

12/8/2006

12/8/2006

State Military Reservation

Job Number:
P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed: Non-Respons

08-Dec-06

Report Date:

Attention:

Non-Responsive

### Summary of Atomic Absorption Analysis for Lead

Page I of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting | F | inal Resu | lt     | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|--------|---|-----------|--------|----------|
| 0718280              | WES-120606-001          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718281              | WES-120606-002          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718282              | WES-120606-003          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft² | < | 110       | ug/fl² |          |
| 0718283              | WES-120606-004          | Flame         | Wipe        | ***               | 0.111               | 103.01 | ug/ft² |   | 700       | ug/ft² |          |
| 0718284              | WES-120606-005          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718285              | WES-120606-006          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/fl² |          |
| 0718286              | WES-120606-007          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718287              | WES-120606-008          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718288              | WES-120606-009          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718289              | WES-120606-010          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² |   | 1500      | ug/ft² |          |
| 0718290              | WES-120606-011          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² |   | 1400      | ug/ft² |          |
| 0718291              | WES-120606-012          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² |   | 350       | ug/ft² |          |
| 0718292              | WES-120606-013          | Flame         | Wîpe        | ****              | 0.111               | 108.01 | ug/ft² |   | 1500      | ug/ft² |          |
| 0718293              | WES-120606-014          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft² |   | 1500      | ug/ft² |          |
| 0718294              | WES-120606-015          | Flame         | Wipe        | ***               | 0.111               | 108,01 | ug/ft² |   | 330000    | ug/ft² |          |
| 0718295              | WES-120606-016          | Flame         | Wipe        | 米米米米              | 0.111               | 108.01 | ug/ft² |   | 960       | ug/ft² |          |
| 0718296              | WES-120606-017          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² |   | 700       | ug/ft² |          |
| 0718297              | WES-120606-018          | Flame         | Wipc        | ****              | 0.111               | 108.01 | ug/ft² |   | 460       | ug/ft² |          |
| 0718298              | WES-120606-019          | Flame         | Wipe        | ****              | 0.111               | 108.01 | ug/ft² | < | 110       | ug/ft² |          |
| 0718299              | WES-120606-020          | Flame         | Wipe        | ***               | 0.111               | 108.01 | ug/ft² |   | 120       | ug/ft² |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

BEST AVAILABLE COPY



### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Westminster Armory

Chain Of Custody:

148419

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

12/8/2006

12/8/2006

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Not Provided Not Provided Person Submitting: Date Analyzed:

associated with these samples.

Report Date:

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

08-Dec-06

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type       | Sample Type         | Air Volume<br>(L) | Area Wiped<br>(ft²) |          | orting<br>mit | F          | inal Res  | ult                | Comments    |
|----------------------|-------------------------|---------------------|---------------------|-------------------|---------------------|----------|---------------|------------|-----------|--------------------|-------------|
| 0718300              | WES-120606-B1           | Flame               | Wipe                | ***               | 0.111               | 108.01   | ug/ft²        | <          | I 10      | ug/ft²             | V. 'Se'.    |
| 0718301              | WES-120606-B2           | Flame               | Wipe                | ***               | 0.111               | 108.01   | ug/ft²        | <          | 110       | ug/fl²             |             |
| 0718302              | WES-120606-B3           | Flame               | Wipe                | ****              | 0.111               | 108.01   | ug/ft²        | <          | 110       | ug/ft²             |             |
| nalysis Method f     | or Flame; Air, Wipes, I | Paints, and Soil/So | lids: EPA 600/R-93/ | 200(M)-7420; Wate | r: SM-3111B         | See QC S | Summary fo    | r analytic | al result | s of quality conti | rol samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight ug = micrograms

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager

on-Responsi

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved, AMA Analytical Services, Inc.





### QC Summary

Sample Delivery Group: 14129

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

12/8/2006

88.07%

90.04%

|                                  |        | Ro     | sult  | l'ercent<br>Recovery | RPD | Comment    |
|----------------------------------|--------|--------|-------|----------------------|-----|------------|
| Preparation Blank                |        | 0.014  | ррт   |                      |     | Acceptable |
| Report Limit Verification Sample |        | 0.2885 | ppm   | 86.6%                |     | Acceptable |
| Expected Spike Level (ppm)       | 0.3333 |        |       |                      |     |            |
| Duplicate Semple 1               |        |        | mg/Kg |                      |     |            |
| Duplicate Sample 2               |        |        | mg/Kg | •                    |     | Acceptable |
| Metrix Spike Analysis            |        |        |       |                      |     |            |
| Spiked Sample                    |        |        |       | 82.67%               |     | Acceptable |
| Spike Duplicate                  |        |        |       |                      |     | Acceptable |

272.842

282,737

μß

### Calibration Information

Correlation of Calibration Curve:

**Loboratory Control Sample 1** 

Laboratory Control Sample 2

0.998357

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

148418 18274 148418 18275 TOW-120606-021

SDG Number:

14129

TOW-120606-022
Page 1 of 2

2.22%

Acceptable

Acceptable

### Samples Included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 143918           | 18276             | TOW-120606-023       |
| 148418           | 18277             | TOW-120606-B1        |
| 148418           | 18278             | TOW-120606-B2        |
| p4841S           | 18279             | TOW-120606-B3        |
| 148419           | 18280             | WES-#20606-001       |
| 148419           | 18281             | WES-120606-002       |
| 148419           | 18282             | WES-120606-003       |
| 148419           | 18283             | WES-120606-004       |
| 148419           | 18284             | WES-120606-005       |
| 148419           | 18285             | WES-120606-006       |
| 148419           | 18286             | WES-120606-007       |
| F48419           | 18287             | WES-120606-008       |
| F48419           | 18288             | WES-120606-009       |
| 148419           | 18289             | WES-120606-010       |
| 148419           | 18290             | WES-120606-011       |
| 148419           | 18291             | WES-120606-012       |
| 148419           | 18292             | WES-120606-013       |
| 148419           | 18293             | WES-120606-014       |

SDG Number: 16929 Page 2 of 2





### QC Summary

Sample Delivery Group: 14130

Analysis Type:

Flactic

Sample Type:

Wipc

Analysis Date:

12/8/2006

Rosult

Percent Recovery RPD Comment

Preparation Blank

-0.020րբու

Acceptable Acceptable

Report Limit Verification Sample Expected Spike Lovel (ppm) 0.2863 ppm 85.9%

Doplicate Sample 1 Doplicate Sample 2 #Num! mg/Kg

#Nepal

ing/Kg

#Криси #Etror

Matrix Spike Analysis

98.03%

Spiked Sample

Spike Duplicate

0.3333

Acceptable Acceptable

Laboratory Control Sample 1

243,635 μB 88.77%

Acceptable

Laboratory Control Sample 2

267,529

85.51%

3.74% Ассертява

Correlation of Calibration Curve:

Calibration Information

0.997974

All callbration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number 18294 148419

148419

18295

WES-120606-015

SDG Number:

14130

WES-120606-016

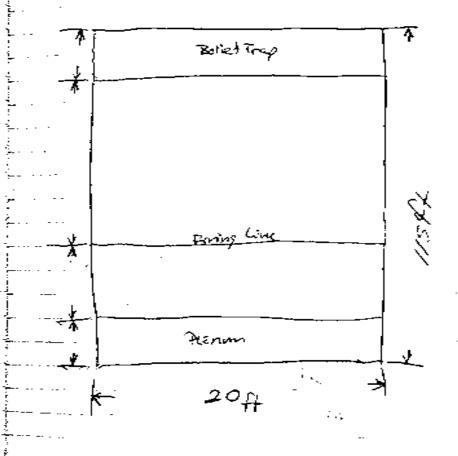
Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number    |
|------------------|-------------------|-------------------------|
| 148419           | 18296             | WES-120606-017          |
| 148419           | 18297             | WES-120606-018          |
| 148419           | 18298             | WFS-120606-019          |
| 148419           | 18299             | WES-120606-020          |
| 148419           | 18300             | WES-120606-81           |
| 148419           | 18301             | WFS-120606-B2           |
| 148419           | 18302             | WHS-120606-B3           |
| 148421           | 18303             | PIK-120706-001          |
| 148421           | 18304             | PIK-1207 <b>06-</b> 002 |
| 148421           | 18305             | PIK-120706-003          |
| 148421           | 1\$306            | PIK-1207 <b>0</b> 6-004 |
| 148421           | 18307             | PIK-120706-005          |
| 148421           | 18308             | PIX-120706-006          |
| 148421           | 18309             | PK-120706-007           |
| 148421           | 18310             | PEK-120706-008          |
| 148421           | 1831 t            | PFK-120706-009          |
| 148421           | 18312             | PIK-120706-010          |
| 148421           | 18313             | PFK-120706-011          |

Page 2 of 2

Rangee TOW- 120666 - BZ TOW-120686-/133- outga Tand outsile Pastrology are Westmeister NG Among While Bamples



WES-120606-001 - Right will behind plensing fort # 797

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD)

WB-12066-002 - Wall Regle of

Firing fasition #5

Italpung to bullet Trap

S'e" april receptable.

That 198

WES-120606-003-Wall Ragif of
Fing Perturn #5

D-3 Arest to well of

Bulkt Traf

Are 129

WES- 120606-004- Lower fortung

13 3417
Bulkt Inf wall

1288
ATC # 800

Wes-120606-005- Center fortends

13-9x17, Billet Trap well

1129 Pre 801

WES-120606-006 - Mil friend the WES-120606-006 - Mil friend the Buther Trop well for #802

WES-120606 -007 - Royld wall From
Fring Anthon #1

PR # 803

Floor

Wes-120006 - 008 - Dight will brind

The Tight will

For First Power # 1

ME # 804

Wes-120606 - 609 - Jught Will bridge

flowing to beek

All # 804

Planting to beek

Planting to beek

Floor Samples
Wes-120606-010 - Sample Florat
Plenum
grit 806

Ar# 805

WES-120606-011-Por at FAMMI Post on # 4 Naz Br # 887

WES-12ddb-012 - Floor Haff way
for Billet Trop will
on Firing forthom #2

PR \$ 808

WES-120606-013 - Floor Next to Bellet Tref well und 6 D Pic # 809

FIXTURES DOOR to the Book

Mr. # 810

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-015-EXMUST on 1964

WES-120606-016 - Duct at plenum

Right well from
Pring Parties # 812

Flags

Flags

WES-120666-017- Steps outside the range restricted and sign. pa # 813

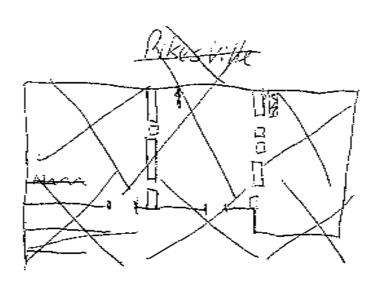
WES-120606-018- Floor Upstairs from entruct to Fining Rage

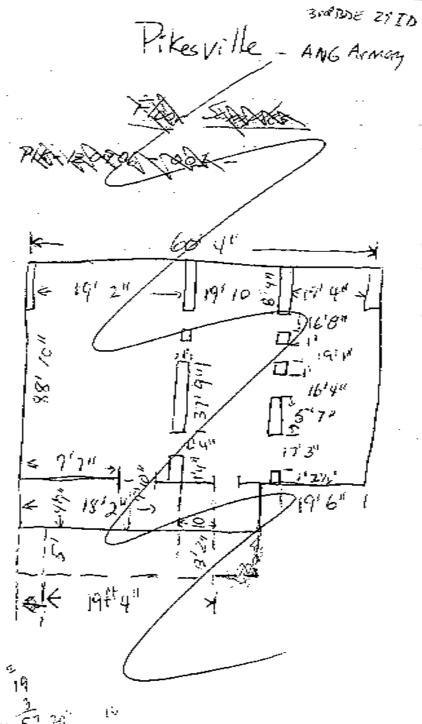
FOIA Requested Redord #J-15-0085 (MD)

WES-120606-019 - Locker Roon Adjust to Ringe

PR # 815

WES-120606-020-04stoke Don to gym basket hell court and Art #816





|                                               |                              | В                 | ULK SAMPLE                                              | DATA        |             | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |
|-----------------------------------------------|------------------------------|-------------------|---------------------------------------------------------|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|                                               | For us                       |                   | e USAERA TG 141                                         |             | onent is HS | SHB-LO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |
| State Mil                                     | litary Reservati             | 301 IH OLD 13AY 1 | including Zip Cod<br>LANE, AHN: NGB-A<br>Grace, MD 2107 | 11/11 57    | Non-F       | Contact (name/AUTOVON) Responsive 942 - 0273 Exr 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
| Sample                                        | d Installation               | -                 | Project Numbe                                           |             | ARLO        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|                                               | tminster                     |                   | Date Collected                                          |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Non-F                                         | Responsive                   |                   | 004                                                     | Date        | Shipped     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Description of Operation Location (BLDG/AREA) |                              |                   |                                                         |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|                                               | C (911/01<br>Ited Complaints |                   | garage                                                  |             | West        | mister Armony                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |
|                                               |                              |                   | ) ()                                                    |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Associa<br>Ye                                 | s 🔀 No                       | əs<br><u></u>     | If yes, list sa                                         | imple nui   | nbers       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| ************                                  |                              |                   | Label Informati                                         | on          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Trade N                                       | ame                          | N:                | SN                                                      | Малі        | ufacturer   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Address                                       | •                            |                   |                                                         | MSD         | S Attache   | d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |
|                                               |                              |                   |                                                         |             | Yes         | □ No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
| Anatysis                                      | Desired Lea                  | d Wipes.          | - Furnace                                               | netho       | d           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Lab Use<br>Only                               | Sample<br>No.                | Constitu          | ents                                                    | Resui       | ts          | Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |
|                                               | WES092404<br>001             |                   |                                                         |             |             | Onfloor 1245 Rringlane 3 ft from Rtwall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |
|                                               | WES092404<br>002             |                   |                                                         |             |             | On floor next to yellow<br>Line Aft from LHS poft<br>from rear wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |
|                                               | WES692404<br>003             |                   |                                                         |             | l i         | on floor at year wall<br>2ft from LHS wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |
|                                               | WE509 2404<br>004            |                   |                                                         |             | 1           | RHS woll near door<br>above, fire extinguisher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
|                                               | WES092404<br>005             | <del></del>       |                                                         | <del></del> | 7           | RHS wall under non                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |
| Comment                                       | s to Lab                     |                   |                                                         |             |             | Flouresant 3ff about floor national national nations of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side of the side o |  |  |  |  |
|                                               |                              |                   | Lab Use Only                                            |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Analyst                                       | (Initials)                   | Reviewed B        |                                                         | Date        | Receive     | d Date Reported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Procedur                                      | es Performed                 | Com               | REST AVAILAR                                            | I           |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |

4475 Forbes Blvd. • Lanham, MD 20706

### BEST AVAILABLE COPY

(Please Refer To This Number For Inquires) 130312

Page 560 of 5269

### **CHAIN OF CUSTODY**

| (301) 459-2640 • www.amalab.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (800) 346-0961 • Fax (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 301) 459-26                                 | 543                 | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                  | <b>-</b>  |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------|-----------|--------------------|--------------------------------|----------------|------------------------|----------|---------------------|------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mailing/Billing Inform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                           | i                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         | S                | nhmitts   | al Infor           | mation                         | •              |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1. Client Name: AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | my National                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Gual                                        | બ                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  | . Job N   |                    |                                | •              |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2. Address 1: 30/-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | y Lan                                       |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           |                    | ı. W                           | octo           | ninst                  | OC 11    | 11                  |                  | •                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | e de Grace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |                     | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         | 2                | Tob.      | ۴                  |                                |                | •                      | •        |                     | . #:             |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             | 78                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *************************************** | 4                | Cont      | act Pers           | on: No                         | on-R           | esp                    | onsi     | /e r.o.             | . #@ nh          | one # 301677 3                                                                                                  | 688                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5. Phone #: 4/0 97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 420273                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fax #                                       |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •                                       | 5                | Subn      | ritted by          | v•                             | -              |                        |          | S                   | ionature:        | one # 200                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             | Reporting I         | ıforma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | tion (R                                 | esults v         | vill he r | rovide             | d as son                       | n as te        | chnical                | ly feasi | ble):               | 7845             | ent de la contrata de la contrata de la contrata de la contrata de la contrata de la contrata de la contrata de | to the Below and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of |
| Date & Time Results Re                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | equired://                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (0)                                         | Sharking profession | Immd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | . 24h                                   | r   48           | hr   172  | hr   15            | Day +                          | Imm            | d. After               | -Hours'  | * 1724hi            | After-Hours'     | * [TLate-Night* (*must)                                                                                         | be pre-scheduled)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| □ Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | @ cell#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             | O Fax               | Cop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | on-R                                    | espo             | nsive     | @ fax #            | 301                            | 677            | 7137                   |          | ⊐ Email             | Copy:            | T a                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | стинент в при и в при се и в дободова в 1946 М 2014 году Мишево в Мишево в                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | etakuntan 1 ota juga japan ara in sion in i |                     | í Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                  |           | den stelper (m. je | , (large en gregor) a mara me, | e Period Cere. | at a state of the form |          | l Analysi:          |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PCM Air - Please Indicate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | □ ELAJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | P 198.4/0                               | Chatfield        | l         | (                  | QTY)                           |                |                        | 1        | Paint (             | hip              | (QTY)                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | 🗖 NY S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | tate PLN                                | A/TEM_           |           | (Q                 | TY)                            |                |                        |          | 🗇 Dust W            | Vipe (wipe type  | )                                                                                                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ☐ NIOSH 7400<br>☐ Fiberglass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | lual Ash                                |                  | (0        | (YTY)              |                                |                |                        |          | Air                 | (Q               | TY)                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TEM Air - Please Indicate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | Dust                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (                                       | . a.\ T.Za.m.    | /Du st    |                    | (Q                             | TTV)           |                        |          |                     | olid             |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PC MCE Porosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |                     | Onan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | . (pres/ac<br>. (s/area)                | Vacuum<br>Vacuum | nD5755    | -95                | (\                             | COTY           |                        |          |                     |                  | (QTY)                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| □ AHERA<br>□ NIOSH 7402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                     | Quan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | . (s/area)                              | Dust De          | 480-99    |                    | (Q                             | TY)            |                        | i        | ☐ Waste             | Water            | (QTY)                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (Q(X)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (QTY)                                       |                     | Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |                  |           |                    |                                |                |                        | I        | 🗅 Dust V            | Vipe Furnace (w  | ripe type)                                                                                                      | (QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PLM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | .(~ ^)                                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (pres/ab                                |                  |           |                    |                                |                |                        | 3.60     | **                  |                  | •                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EPA 600 - Visual E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | stimate(Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TY)                                         |                     | id Eda<br>Dieda                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P 198.2/E<br>100.1                      | SPA 100.         | ,2        | <u> </u>           | (QIX)                          |                |                        |          | сенапеоц<br>П Radon | s Analysis       | (QTY)                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <ul><li>EPA Point Count</li><li>NY State Friable</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100.1                                   |                  | (QI       | 1)                 |                                |                |                        |          |                     | (specify         |                                                                                                                 | ry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Grav. Reduction EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | QTY)                                        | PLE                 | 4SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | W. T                                    | a 1 .            | z.        |                    |                                |                |                        |          |                     | (-F)             | /                                                                                                               | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY)                                       | Y a e               | poet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | رد کر                                   | 318              |           |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ~ ~ ~ ~ ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAMPLE ANALYSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             | ION                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         | A                | NALYS)    | (S                 |                                |                | MA                     | TRIX     | WATER               |                  | CLIENT CONTACT                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAMPLE LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DATE                                        |                     | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEM                                     | PCM              | PLM       | LEAD               | OTHER                          | AIR            | BULK                   | WIPE     | AND                 | ,                | (LABORATORY STAFF O                                                                                             | NLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| WES092404 001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Plusters was recognized and a supplication of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of  | P ( 1972)                                   |                     | "×4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.00                                    |                  |           |                    | 76 Ve 42                       |                | Philipping Co.         | thing.   |                     | Date/Time:       | Contact:                                                                                                        | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WESOGZ464 DOZ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ī                                       |                  |           |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WESO92404 003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  | 300255    |                    | 220                            |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES012404 004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES092464 005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         | 1000             |           |                    |                                |                | 2000                   |          |                     | Date/Time:       | Contact:                                                                                                        | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WES092404 006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WESSTEHON DOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             | 517.75              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           | 2779               | THE TANK                       |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NES092404 008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           |                    |                                | <u> </u>       |                        |          | 1                   |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES672404 009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S REPRODUCED TO THE CONTRACT OF THE SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND SECOND S |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | reserve                                 |                  | -01       |                    | 10.34.37                       |                | H                      |          |                     | Date/Time:       | Contact:                                                                                                        | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WES092404 010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         |                  |           | 1                  |                                |                |                        |          | 1                   |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES092464 (211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8.14                                    |                  |           |                    |                                | 25 A.C.        |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES092404 012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | $\neg$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         |                  | 1         |                    |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i                                           |                     | -1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |                  | 1         | 1                  |                                |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WESCRYON 013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                     | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         | 2004             |           |                    |                                | \$100 S        |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LABORATORY STA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | JF ONLY: (CUSTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | OY)                                         |                     | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 000000                                  |                  |           |                    | James and San                  |                |                        |          |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <ul> <li>A title transfer See See Johnson (1992) A See Johnson (1992) A See Johnson (1992) A See Johnson (1992)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PY) /                                       | <b>@</b>            | Via                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         |                  | .B\       | (Print):           |                                |                |                        |          |                     | Sign             |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LABORATORY STA<br>1Date/Tim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PY)                                         | @<br>               | PERSONAL SECTION AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED A | By (Print                               | ),               | ·By       | (Print):           |                                |                |                        | Sign:    |                     |                  |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LABORATORY STA<br>1. Date/Tim<br>2. Date/Tim<br>3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ne RCVD:/ ne Analyzed:/ Reported To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |                     | PERSONAL SECTION AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED A | What had black                          | delicasi.        |           |                    | late:                          |                |                        | Sign:    | Ti-                 |                  | Initi                                                                                                           | 18:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LABORATORY STA<br>1. Date/Tim<br>2. Date/Tim<br>3. Results R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ne RCVD:/<br>ne Analyzed:/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |                     | PERSONAL SECTION AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED AND RESERVED A | What had black                          | delicasi.        | By        |                    | alsepy.                        |                |                        | <br>     |                     | me:<br>FOIA Requ | Initis<br>uested Record #J-15-008<br>ased by National Guard                                                     | 5 (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



AMA Analytical Services, Inc.
AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com

### **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

130312

| Mailing/Billing Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Submittal Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Client Name: Army National Guard 2. Address 1: 30/- IH Old Bay Lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1. Job Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3. Address 2: Havre de grace, MD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2. Job Location: West                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | minster, WD                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4. Address 3:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3. Job#:Non-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Responsive P.O. #.                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5. Phone # 4/0 942 0273 Fax #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T. Contact Ferson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | @ p                                      | none # 301 677 3688                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5. Submitted by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Signature:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1.2.4.1.5、4.4.5、1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ilts will be provided as soon as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | technically feasible):                   | * FT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ☐ Verbals: @cell## ☐ PracCopy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ponsive<br>⊚ <sub>fax.#</sub> 301 47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7/32 Eleman Copy                         | (must be pre-scheduled)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Asbestos Analysis TEM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead Analysis                            | And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s |
| PCM Air - Please Indicate Filter Type:  PC MCE Porosity in a 25mm 37mm   RY State PI M/TI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | tfield(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Paint Chip                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| □ NIOSH 7400 (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dust Wipe (wipe type                     | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TEM Dust                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (0. 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ☐ Air(Q<br>☐ Soil/Solid(Q                | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PC MCE Porosity in a 25mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vacuum/Dust(QTY)<br>cuum D5755-95(QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ☐ TCLP                                   | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TAMERA (States) var                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | st D6480-99(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | () Drinking Water  Waste Water           | (QTY)<br>(OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Other (specify COTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dust Wipe Furnace (                      | vipe type (OTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PLM Bulk Qual. (pres/abs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | . 100.2(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ☐ EPA Point Count (OTY) ☐ EPA 100.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Miscellaneous Analysis ☐ Radon           | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NY State Friable (OTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Other (specify                           | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grav. Reduction ELAP 198.1 (QTY) Other (specify (QTY) (QTY) CAMPIE ANALYSIS PROPERTY (N° 49)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ex T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SAMPLE ANALYSIS INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ANALYSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MATRIX                                   | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CLIENT ID VOLUME WIPE NUMBER SAMPLE LOCATION DATE (LITERS) AREA TEM PO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CM PLM LEAD OTHER AIR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WATER AND BULK WIPE OTHER                | • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| WES 092404 614                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BULK WIPE OTHER  Date/Time:              | (LABORATORY STAFF ONLY)  Contact: By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| WES092404 015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | Contact. By.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WESS92404 OIG:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES012404 017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WES012464 015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date/Time:                               | Contact: By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WB5092404 019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date line.                               | Contact. By.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WES 612404 STO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WE3012404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NAME OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY OF TAXABLE PARTY O | 21 022 022 022 022 022 022 022 022 022 0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| W4669ETON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date/Time:                               | Contact: By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WGGGQUGY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date I tille.                            | Contact By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 62 CSOG QUEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Liesograpy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 51 100000000000000000000000000000000000  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Westerga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | By (Print):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sign                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | By (Print):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sign:                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| - 11 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP 10 POST (1974) 1 TEP | By (Print):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sign: Sign:                              | sted Record #J-15 0085 (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                 |                  |                             | BULK SAMPLI                                |                                        | •            |                                                |  |  |  |  |
|-----------------|------------------|-----------------------------|--------------------------------------------|----------------------------------------|--------------|------------------------------------------------|--|--|--|--|
|                 |                  |                             | n see USAERA TG 14                         |                                        | ponent is HS | HB-1.0.                                        |  |  |  |  |
| National        | Guord Bureau     | piete addre<br>, 30/IH Olok | ss including Zip Co<br>BAY LAWE, AHA! NGB. | del<br>Avai-Si                         |              | Contact (name/AUTOVON)                         |  |  |  |  |
| State Mi        | litary Reservat  | ion . Haure                 | De Grace Mb 210                            | 78                                     | I KICHER     | lesponsive<br>942 - 0273 Exr 18                |  |  |  |  |
| Sample          | d Installation   |                             | Project Numb                               |                                        | ARLO         | <del></del>                                    |  |  |  |  |
|                 | stminster        |                             |                                            |                                        |              |                                                |  |  |  |  |
|                 | Responsive       |                             | Date Collecte                              | d                                      | Date         | Date Shipped                                   |  |  |  |  |
|                 |                  |                             | Sep 29                                     | 2004                                   |              |                                                |  |  |  |  |
| 0               | ition of Operat  |                             | •                                          |                                        | 4 .          | ion (BLDG/AREA)                                |  |  |  |  |
|                 | L CONUCA         |                             | garage                                     |                                        | West         | Wister Armony                                  |  |  |  |  |
| 70000           | arou oumpiamit   | , ine specii                | ()                                         |                                        |              |                                                |  |  |  |  |
| Associ          | ated Air Sampi   | 0 5                         | If yes, list :                             | ample n                                | umbers       |                                                |  |  |  |  |
| Y               | s XNo            |                             |                                            |                                        |              |                                                |  |  |  |  |
|                 |                  |                             | Label Informa                              | tion                                   |              |                                                |  |  |  |  |
| Trade N         | ame              |                             | NSN                                        | Ма                                     | nufacturer   |                                                |  |  |  |  |
| Address         | 3                | _                           |                                            | Мѕ                                     | DS Attache   | đ                                              |  |  |  |  |
|                 |                  |                             |                                            |                                        | Yes          | □ No                                           |  |  |  |  |
| Analysi         | e Desired Lea    | d Wipe                      | s - Furnace                                | meth                                   | o d          |                                                |  |  |  |  |
| Lab Use<br>Only | Sample<br>No.    |                             | tituents                                   | Res                                    | T            | Romarks                                        |  |  |  |  |
|                 | WES092404<br>OO1 |                             |                                            |                                        |              | Afloor RHS Piring lan                          |  |  |  |  |
|                 | WE5092404        |                             | ·                                          |                                        |              | of from Rtwall                                 |  |  |  |  |
|                 | 002              |                             |                                            |                                        | (            | On floor next to yellow ine afft from LHS post |  |  |  |  |
|                 | WES692404        |                             |                                            |                                        | - 6          | ine Aft from LHS post                          |  |  |  |  |
|                 | 003              |                             |                                            |                                        |              | 26+ Amy LHS wall                               |  |  |  |  |
|                 | WES042404<br>004 |                             |                                            |                                        | F            | ells wall near done                            |  |  |  |  |
|                 | W#5092404        |                             |                                            |                                        | ·            | 2HS wall under non                             |  |  |  |  |
|                 | 005              |                             |                                            |                                        |              | Housescept 3ft about the                       |  |  |  |  |
| Commen          | ts to Lab        |                             | <u></u>                                    | · · · · · · · · · · · · · · · · · · ·  |              | tinued on other side)                          |  |  |  |  |
|                 |                  |                             |                                            |                                        |              |                                                |  |  |  |  |
| Analysi         | linitate tel     | 1 5                         | Lab Use Ont                                | <del></del>                            |              |                                                |  |  |  |  |
| Analyst         | (initials)       | Reviewe                     | d By (initials)                            | Da                                     | ta Received  | Date Reported                                  |  |  |  |  |
| Procedur        | es Performed     | C-                          | omments;                                   | ************************************** |              |                                                |  |  |  |  |
|                 |                  | 1                           |                                            |                                        |              |                                                |  |  |  |  |

Page 2

|                 |                   | BULK SAMI                             | PLE DATA                               |                                                                        |
|-----------------|-------------------|---------------------------------------|----------------------------------------|------------------------------------------------------------------------|
| b Use<br>Only   | Sample<br>No.     | Constituents                          | Results                                | Romerka                                                                |
|                 | WG-04 2484        |                                       |                                        | <u></u>                                                                |
|                 | _ عمد             | 008                                   |                                        | RHS wall to with fear                                                  |
|                 | WESPIEMON         |                                       | <del></del>                            | ason exeterial outset of the Late of the fire bex Withings.            |
|                 | _ <del>-007</del> | 006                                   |                                        | Lys, agil to the left                                                  |
|                 | 465612404         |                                       | ·                                      | of the fire bex 71that                                                 |
| ↓               | -600-             | <u>නා 7</u>                           |                                        | LHS wall suffrem for                                                   |
| - 1             | WESD92404         |                                       | <del></del>                            | Line In Rose Noon                                                      |
| <del>}</del>    | 009               |                                       | 1                                      | 6 from cat wall                                                        |
| ľ               | 4650984041        |                                       |                                        | President St. C.                                                       |
| <u>-</u>        | OLD<br>WESOSPHOH  |                                       |                                        | Received to from Rits                                                  |
| - 1             | _ D               | ·                                     |                                        | Rear well, exact.  2' from flow  Rear well 3' from  145. 5' from floor |
|                 | 1610124011        |                                       |                                        | 2' Liver flow                                                          |
|                 | 012               |                                       |                                        | Rear well 31 from                                                      |
| 1               | V67042404         | <del></del>                           |                                        | LHS, 5 FRAN HOOF                                                       |
| <del></del>     | 013               |                                       | İ                                      | さがかが したらん ひりんと ひじん ニート                                                 |
| *               | VE>051404         |                                       | · <del>  </del>                        | from door jols sign, verked                                            |
| <del> </del> :- | 614               | · · · · · · · · · · · · · · · · · · · |                                        | Top of middle will lake is                                             |
| ۲               | 185 0924DY        |                                       | ······································ | RHS wint off from nor                                                  |
| <del></del>     | 615               | ·                                     | <u> </u>                               | Curry Pipi face in se Cat                                              |
| ["              | 016               |                                       |                                        | BLANK                                                                  |
| V               | E5042464          | · <del></del>                         |                                        | BLANK                                                                  |
| [               | 017               |                                       | 1                                      | BLAUK                                                                  |
| \ <u>\</u>      | 15092404          | ·                                     | <del></del>                            |                                                                        |
|                 | 018               | <del></del>                           |                                        | hallowy to range, on he strong on the                                  |
| V               | E2072404          |                                       | 7.                                     | Kathery to cange                                                       |
| ┈┈┤╌            | 669,2404          |                                       | (July)                                 | commended by pretor place to                                           |
| ۱-,             | 020               |                                       |                                        |                                                                        |
| <del></del>     | <u> </u>          |                                       | <u> </u>                               | De o that from 21+ from                                                |
| _               | ļ                 |                                       | 1                                      |                                                                        |
|                 | ·                 | <del></del>                           | <u></u>                                |                                                                        |
|                 |                   |                                       | <u> </u>                               |                                                                        |
|                 |                   |                                       |                                        |                                                                        |
| <del> </del> _  |                   | <del></del>                           | (                                      | Ĩ,                                                                     |
|                 |                   |                                       | ·                                      | <del></del>                                                            |
|                 | —— <u>—</u>       |                                       | ľ                                      | 1/                                                                     |
| -               | ł                 |                                       |                                        |                                                                        |
| <del>~</del> ∤⊷ | <del></del>  -    | <u> </u>                              | <u> </u>                               | N.                                                                     |
|                 | ł                 |                                       |                                        | <del></del>                                                            |
|                 | <del></del> ,     | · <del></del>                         |                                        |                                                                        |
|                 | 1                 | Í                                     | T                                      |                                                                        |
|                 |                   | <del></del>                           |                                        | - <u></u> J                                                            |
|                 |                   |                                       |                                        | 7                                                                      |
| ]               | 丁                 |                                       |                                        |                                                                        |
| <del> </del> -  |                   | ·                                     | ĺ                                      | i                                                                      |
|                 | 1                 |                                       | <del></del>                            |                                                                        |
| <del></del>     |                   | <u> </u>                              | <b>f</b>                               | 1                                                                      |
| ĺ               | 1                 |                                       |                                        |                                                                        |
| <del></del>     | <del></del> }     |                                       |                                        | į                                                                      |
| 1               |                   | ·                                     |                                        | ······································                                 |

Attention:

CERTIFICATE OF ANALYSIS

A Specialized Environmental Laboratory

nalytical Services, Inc.

Address: Client 301-III Old Bay Lane, Atto: NGB-AVN-SI, National Guard Bureau

Havre de Grace, Macyland 21078 State Military Reservation

> Job Location: Job Name: Westminister,MD Westminister

BPA #W912K6-04-A0002 Not Provided

P.O. Number:

Job Number:

Date Analyzed:

9/30/2004 130312

Chain Of Custody:

Report Date: Person Submitting:

01-Oct-04

Page 1 of 2

# Summary of Atomic Absorption Analysis for Lead

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AMA Sample<br>Number          | and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon | Client Sample<br>Number       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Analysis Type                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sample Type Air Volume (L)    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Air Volume<br>(L)             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Marie and Anna Anna Anna Anna Anna Anna Anna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Area Wiped (ft <sup>a</sup> ) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Reporting<br>Limit            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Final Result                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Communicats                   | anna anna anna anna anna anna anna ann                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| 0469997<br>0469998<br>0469999<br>0470000<br>0470001<br>0470002 | 0469<br>0469<br>0469<br>0470 | 0469<br>0469<br>0470 | 0469<br>0469   | 0469<br>0469   | 0469           |                | 0465996        | 0469995        | 0465994         | 0469993        | 0469992        | 0469991        | ES 0469990     | TA 0469989     | VAI 0469988    | 0469987        | 3LE 0469986    | 0469985        | )PY 0469984        |
|----------------------------------------------------------------|------------------------------|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| 002                                                            | 000                          | 80                   | ;              | 9              | 366            | 997            | 98             | 995            | 994             | 993            | 992            | 991            | 990            | 989            | 888            | 987            | 986            | 98.5           | 984                |
| WES 092404 019                                                 |                              | WES 092404 018       | WES 092404 017 | WES 092404 016 | WES 092404 015 | WES 092404 014 | WES 092404 013 | WES 092404 012 | WES 092404 01.1 | WES 092404 010 | WES 092404 009 | WES 092404 008 | WES 092404 007 | WES 092404 006 | WES 092404 005 | WES 092404 004 | WES 092404 003 | WES 092404 002 | WES 092404 001     |
|                                                                | M 019                        | ¥ 018                | X 017          | M 016          | M 015          | H 014          | M 013          | M 012          | 10 X            | ¥ 010          | 2009           | ¥ 008          | ¥ 067          | ¥4006          | 2005           | 4004           | ¥ 903          | A 002          | ¥ 001              |
| Furnace                                                        |                              | Furnace              | Famace         | Furnace        | Flame          | Furnace        | Flame          | Furnace        | Furnace         | Furnace        | Funsce         | Furnace        | Furnaçe        | Fumace         | Furnace        | Fumace         | Plame          | Flame          | Flame              |
| Wipe                                                           |                              | Wipe                 | Wipe           | ₩ipc           | Wipe           | Wipe           | Wipe           | Wipe           | Wipe            | Wipe           | Wipe           | Wipe           | Wipe.          | Wipe           | Wipe           | Wipe           | Wipe           | Wipo           | Wipe               |
|                                                                | "                            | •/                   | v              | `              | `*             | •              | .,             | .,             | "               | (J             | "              | •              |                | "              |                | E V            |                | c,             | 69                 |
| 22.0                                                           | ***                          | Ĭ                    | ***            | ****           | ***            | ***            | #              | ***            | *               | ¥              | **             | ****           | ŧ              | *              | ****           | #              | *              | ***            | *                  |
| 0.111                                                          | -                            | 9.111                | 0111           | 111.6          | 11176          | 0.11           | 0.111          | 11170          | 0.111           | 0111           | 11.10          | 0.111          | 111.0          | 0.111          | 0.111          | 1110           | 0.111          | 0.111          | 0.111              |
| 1                                                              | 67.51                        | 67.51                | 270            | 2.70           | 108.01         | 67.51          | 108.01         | 33.75          | 33.75           | 2.70           | S.40           | 2.70           | 2.70           | 2.70           | 2.70           | 2,70           | 10.801         | 108.01         | 10.801             |
| ug/ff <sup>2</sup>                                             | 67.51 ug/fft 270 ug/fft G    | rg/ga                | M/Bu           | . ag/ga        | ang/ffe        | mg/Ω#          | all/gu         | ng/ffe         | all Africa      | ng/ft²         | (1) <b>(3)</b> | 1000           | ug/gu          | ug/∰           | ug/ft²         | w/ff*          | Top II         | ng/ft²         | ug/ft <sup>a</sup> |
|                                                                | 25                           | 240                  | 4.8            | £.             | 12000          | 440            | 11.00          | 120            | 140             | 20             | 39             | 15             | 18             | 11             | 16             | 20             | 8900           | 950            | 1,000              |
|                                                                | ð                            |                      |                |                | _              |                |                |                |                 |                |                |                | The Th         | स्मृ/क्षेत     |                | ±8∕8∎          |                |                |                    |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report most not be used to claim, and does not imply product certification, approval, or endoarement by NFLAP, NIST, or any agency of the Federal Government.

An AHHA (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory

FOIA Requested Record #J-15-0085 (MLT) Released by National Guard Bureau Page 564 of 5269

All rights reserved. AIMA Amalytical Services, Inc. May, 2018

## CERTIFICATE OF ANALYSIS

A Specialized Environmental Laboratory naiµtical Services, Inc.

| ř                                    | Ħ                     |  |
|--------------------------------------|-----------------------|--|
| 301-Halld Bay Lane, Aim: NCSP-AVN-SI | National Guard Bureau |  |
| ink I aretion                        | Job Name:             |  |

| AMA Sample<br>Number    | Attention:                                     |                      |                                | Address                                                             | Client:               |
|-------------------------|------------------------------------------------|----------------------|--------------------------------|---------------------------------------------------------------------|-----------------------|
| Client Sample<br>Number | Non-relac                                      |                      | Havre de Grace, Maryland 21078 | 301-JH Old Bay Lane, Atm: NGB-AVN-SI,<br>State Military Reservation | National Guard Bureau |
| Analysis Type           |                                                |                      | land 21078                     | Atta: NGB-AVN-SI,<br>tion                                           |                       |
| Sample Турс             | Summary o                                      | P.O. Number:         | Jeb Number:                    | Job Lecation:                                                       | Job Name:             |
| Air Veltame<br>(L)      | f Atomic A                                     | BPA #W912KG-04-A0002 | Not Provided                   | Westminister,MD                                                     | Westminister          |
| Arta Waped<br>(ft*)     | bsorption An                                   | -04-A0002            |                                | ₿                                                                   |                       |
| Reporting I<br>Limit    | Summary of Atomic Absorption Analysis for Lead | Report Date:         | Person Submitting:             | Bate Analyzed:                                                      | Chain Of Custody:     |
| Final Result            |                                                | 0)Oct-04             | Non-Rei                        | 9/30/2004                                                           | 130312                |
| Comments                | Pa                                             |                      |                                |                                                                     |                       |

Note: All results have two significant digits. Any additional digits shown should not be Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Soilds: EPA 600:R-93/200(N)-7421; Water: SM-3113B mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug/L = parts per billion (ppb) Technical Manager:

**BEST AVAILABLE COPY** 

%Pb = percent lead by weight N/A = Not Applicable

ug = micrograms

considered when interpreting the result.

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-S3/200(M)-7420; Water: SM-3111B

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (Management Released by National Guard Bureau Page 565 of 5269

An AlltA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

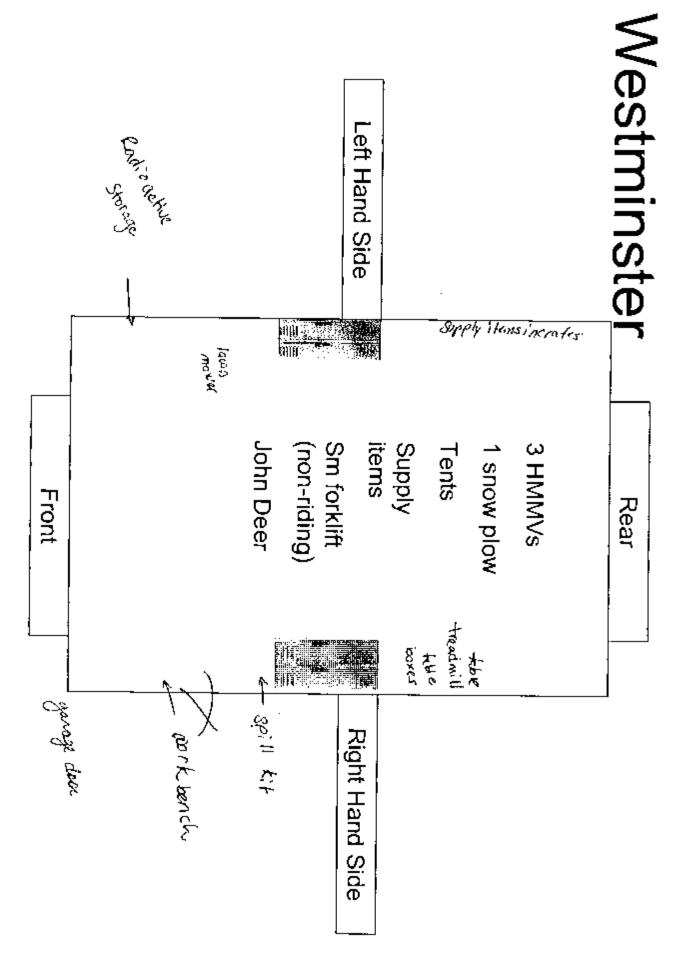
applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report most not be used to claim, and does not imply product certification, approval, or endorsement by

NYLAP, NIST, or any agency of the Federal Government

組 rights reserved. AMA Analytical Services, Inc.

is report is submitted and accepted for the exclusive use of the cheat to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization, on us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, onless collected by personnel of these Laboratories, we expressly disclaim any knowledge and the accuracy and completeness of this information. Residual sample numerical will be discarded in accordance with the appropriate regulatory guidelines, onless otherwise requested by the client. NVLAP Accreditation

Report applies only to the samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a number products, the public and these Laphoratories of the condition that it is reduced and another in the condition of the quality or condition of apparently identical or similar products. As a number products, the public and these Laphoratories of the condition that it is not not not product and these Laphoratories of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of



|                 | F                                                |                    | ULK SAME               |              |         |               |                                         |
|-----------------|--------------------------------------------------|--------------------|------------------------|--------------|---------|---------------|-----------------------------------------|
|                 |                                                  | se of this form se |                        |              | propone | ent is HSHB-L | .0.                                     |
| pranonac        | Address (com<br>Guard Bureau<br>Litary Reservati | , JULIH OLDBAY I   | LANG AHU'NG            | A Auch       | - SI    | Ion-Res       | Ct (pame/AUTOVON)  OONSIVE              |
| Sample          | d Installation                                   |                    | Project Nu             |              |         | ARLOC         | 0273 Exr 18                             |
|                 | stmin ster                                       | <del></del> -      |                        |              |         | """"          |                                         |
| Non-F           | Responsive                                       |                    | Date Collect           | ted<br>Zec   | )Z[     | Date Ship     | ped                                     |
| ( / )           | tion of Operati                                  |                    |                        |              |         | Location      | (BLDG/AREA)                             |
| Kara            |                                                  |                    | garage                 |              |         | Westmins      | 1 1                                     |
|                 | ated Compinints                                  |                    | ) ()                   |              |         | - W           |                                         |
| Associa<br>Ye   | ated Air Sampl<br>Ba X No                        | 08                 | lf yes, lis            | it sampl     | e numb  | ers           |                                         |
| Trade N         | 1 + -, +                                         |                    | Label Infor            | mation       |         |               |                                         |
| I raue i        | lame                                             | N                  | SN                     |              | Manufa  | ecturer       |                                         |
| Address         | 3                                                |                    |                        |              | MSDS    | Attached      |                                         |
|                 |                                                  | <b>-</b>           |                        |              | E       | Yes           | □ No                                    |
|                 | s Desired<br>Lea                                 | ed Wipes -         | - Furnac               | e me         | thod    |               | <del></del>                             |
| Lab Use<br>Only | Sample<br>No.                                    | Constitu           |                        |              | Results |               | Remarks                                 |
|                 | WES092404                                        |                    | <del></del>            |              |         | onflo         | 73 1                                    |
|                 | WE5092404                                        | · · ·              | -                      | <u> </u>     |         | 3 ft          | from Rt Wall                            |
|                 | 002                                              |                    |                        |              |         | rive t        | for next to yellow<br>Aff from LHS poft |
|                 | WES692404                                        |                    |                        |              |         | 100 41        | oor at rear wall<br>flow LHS wall       |
|                 | WES 09 2404                                      |                    |                        | <del> </del> | ·       | ļ             |                                         |
|                 | 004                                              |                    | - ····                 |              |         | above         | wall near door<br>thre extinguisher     |
|                 | WES092404 DOS                                    |                    |                        |              |         |               | wall under non                          |
| Comment         | ts to Lab                                        |                    |                        | <u> </u>     |         | Floure        | scent 3ft-above floor                   |
| O O III III I   | S to Lab                                         |                    |                        |              |         | (Continue     | ed on other side)                       |
|                 |                                                  |                    | Lab Use C              | nly          |         |               |                                         |
|                 | 4. 3                                             |                    |                        |              |         |               |                                         |
| Analyst         | (initials)                                       | Reviewed B         | y (initials)           | 1            | Date R  | lecsived      | Date Reported                           |
|                 | (initials)<br>es Performed                       | <u> </u>           | y (initials)<br>nents: |              | Date R  | lecsived      | Date Reported                           |

### **BEST AVAILABLE COPY** PLM Bulk Mailing/Billing Information: Date & Time Results Required: LEM Air – Please Indicate Filter Type: TEM Air – Please Indicate Filter Type: in a 25mm 37mm PCM Air - Please Indicate Filter Type: Asbestos Analysis NES692404 057 25042404 かが201240よ NES092404 003 PESOGIA04 001 NESO42404 002 LABORATORY STAFF ONLY: (CUSTODY) 1. Date/Time RCVD: $\frac{1}{2}$ / $\frac{2}{2}$ 40H240K2K 165042464 HOB3695 で ひとないひい Client Name: Address 2: HOVIC ☐ Other (specify EPA Point Count, Other (specify\_ ☐ Fiberglass\_ PC MCE Porosity\_\_\_ Address 1: Grav. Reduction ELAP 198.1 NY State Friable, EPA 600 - Visual Estimate, L AHERA L NIOSH 7400. CLIENT ID NUMBER www.amalab.com (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 4. Comments: 3. Results Reported To: Date/Time Analyzed: L Date/Time RCVD: 210 000 200 2 800 006 Š SAMPLE ANALYSIS INFORMATION SAMPLE LOCATION . (213) in a 2.5mm 37mm (QTY) .@ cell # Ō \_(QTY) 93 (QTY) (QTY) DATE Reperting Information (Results will be provided as soon as technically feasible): 3. V ダニウ Ę $\bigcirc \overline{\mathcal{M}}$ VOLUME ☐ Fax Copy PERRY IN US IN TEM Dust Qual. (pres/abs) Vacuum/Dust. TEM Bulk X MIPE AREA ☐ ELAP 198.2/EPA 100.2 ☐ EPA 100.1 Quan. (s/area)Dust D6480-99 Quan. (s/area) Vacuum D5755-95 Residual Ash Qual. (pres/abs). NY State PLM/TEM. ☐ ELAP 198.4/Chatfield CHAIN OF CUSTODY By (Print): Par Ching: TEM <u>√</u>12: ANALYSIS 4. -Contact Person Submittal Information: Job Name: PLM LEAD 14 Job Location: West Minste (QT 3 . QTS .Date: OTHER LBC ST (QTY) CATO-ΑIR BULK WIPE MATRIX Sign: Miscellaneous Analysis Soil/Solid\_\_\_\_\_\_\_ TCLP Water\_\_\_\_\_ ☐ Waste Water (V) ☐ Dust Wipe Furnace (wipe type. ☐ Other (specify. WATER Time: P.O. #: Date/Time: Date/Time Date/Time Sign: 0 phone # . Q 13 (QT \( \) LABORATORY STAFF ONLY) CLIENT CONTACT -(273) Contact: Contact: Contact: By: Вy: By: BEST AVAILABLE COR

May, 2018

4475 Forbes Blvd. • Lanham, MD 20706

Number For Inquires) (Please Refer To This

130312 2130312

Released by National Guard Bureau

Page 568 of 5269

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) MMA Analytical Services, Inc.

### NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

10 October 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: White Oak Readiness Center Indoor Firing Range

- 1. An email dated 09 October 2006 from the CFMO stated that the White Oak Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist

CF:



Non-Responsive CIV NGB From:

Tuesday, October 10, 2006 10:24 AM Sent:

Non-Responsive<sub>C!V</sub> To:

Subject: FW: White Oak Readiness Center, 12200 Cherry Hill Road, Silver Spring, MD 20904-1690

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-<u>942-0273 Ext 2</u>3 Cell FAX 410-942-0254

From: Non-Responsive LTC (RET) MDARNG

Sent: Monday, October 09, 2006 11:19 AM
To: Non-Responsive LTC MDARNG; Non-Responsive LTC (Ret) MDARNG

Subject: White Oak Readiness Center, 12200 Cherry Hill Road, Silver Spring, MD 20904-1690

Pursuant to the project specification, the above referenced project has been completed. The contractor:

> Maryland Cleaning and Abatement Services 6811 York Road Baltimore, MD 21212

410-377-0500

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards. V/r

PS: Wasn't sure that I sent this to you

0671717

0671716

0671718

0671719

0671721

0671720

WO-105

WO-104 WO-103 WO-102 WO-101 WO-100

WO-106

0671722

0671725 0671724 0671723

WO-110

Flame

Wipe Blank

₩O-109 WO-108 WQ-107 0671715

AMA Sample

Client Sample

Analysis Type

Attention:

Number

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

## CERTIFICATE OF ANALYSIS

Address: Client: 301-IH Old Bay Lane, Attn: NGB-AVN-SI National Guard Bureau

State Military Reservation Havre de Grace, Maryland 21078

> Job Location: Job Name: White Oak Silver Spring, MD-IFR Converted IFR Date Submitted: Chain Of Custody:

148417 8/2/2006

四人口

P.O. Number: Job Number:

Not Provided

Not Provided

Person Submitting:

Date Analyzed:

8/2/2006

Report Date:

02-Aug-06

Requested Record #J-15-00 25 AMES
Released by National Guard Pareau
Page 571 of 5269

Comments

Summary of Atomic Absorption Analysis for Lead

Sample Type Air Volume Area Wiped Reporting Limit Final Result

Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Wipe Blank Wipe ₩ipe Wipe Wipe Wipe Wipe Wipe Wipe \*\*\* \* 2 2 3 \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* 0.111 0.111 0.111 0.111 0.111 0.111 0.111 0.111 X

> 108.01 108.03 108.01 108.01

ug/ft² ug/ft² ug/ft²

ug/ft²

10,801 108.01

ug/ft² ug/ft²

ug/ft²

٨

110

ug/ft²

110

ug/ft÷

110

BEST AVAILABLE COPY

108.01 108.01 108.01

10 120 110 110 110

ug/ft²

ug/ft² ug/#3 ug∕<del>ft²</del> ug/ft² ug/ft²

12

ug/ft²

12.00

昴 gu ug/ft²

٨ ٨ ٨

8 뜮

N/A = Not Applicable mg/Kg = parts per million (ppm) by weight ug/L = parts per billion (ppb mg/L = parts per million (ppm)

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B

associated with these samples.

See QC Summary for analytical results of quality control samples

g Room

Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight ug = micrograms

should not be considered when interpreting the result. Note: All results have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Lagorstories this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement b NVLAP, NIST, or any agency of the Federal Government. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and





### QC Summary

Sample Delivery Group: 13311

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

8/2/2006

Result

Percent Recovery Contract

Preparation Blank Report Limit Verification Sample

0.083 ppm 0.4071

122.1%

Acceptable Outside Limits

Expected Spike Layel (ppm)

Duplicate Sample 1 Duplicate Sample 2 #Numl mg/Kg #Numl

mg/Kg

ppm

**#Error** 

RPD

#Error

Matrix Spiko Analysis

Spiked Sample Spike Duplicate

112.73%

Acceptable Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

282,893 278,678 NB

91.77% 91,71% 0.07% Acceptable Acceptable

Calibration Information

Correlation of Calibration Curve:

0.999763

0.3333

All calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 122.1% above the upper control limit of 120%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 13308 (111.01% recovery).

Samples included in this Sample Delivery Group (SDG)

AMA Sample Number Client Sample Number Chain Of Custody 148417

148417

71715

WO-100

71716

WO-101

SDG Number:

13311

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Citent Sample Number |
|------------------|-------------------|----------------------|
| 148417           | 71717             | WO-102               |
| 148417           | 71718             | WO-103               |
| 148417           | 71719             | WO-104               |
| 148417           | 71720             | WQ-103               |
| 148417           | 71721             | WO-106               |
| 148417           | 71722             | WO-107               |
| 148417           | 71723             | WO-108               |
| 148417           | 71724             | WO-109               |
| 148417           | 71725             | WO-110               |

SDG Number: 13311 Page 2 of 2

### DRAFT

19 December 2005

APPENDIX F

### SURFACE WIPE SAMPLING SHEET

| Industrial Hygiene                                                                     | e Surface W                     | ipe Sam                              | ple Sheet      |             |
|----------------------------------------------------------------------------------------|---------------------------------|--------------------------------------|----------------|-------------|
| Return Address                                                                         | Point of Cont<br>Non-Responsive | act <i>(name &amp;</i><br>410-942-02 |                |             |
| Region North IH<br>301-IH Old Bay Lane<br>Havre De Grace, MD 21078                     | Non-Res                         |                                      | ve             |             |
| Sampled Facility Whik Oak Si                                                           | city<br>berspring               | State                                | Location / F-K | (bldg/area) |
| Description of Operation<br>Converted IFR                                              | Date Collecter  2 Aug           | d                                    | Date Shipped   |             |
| Analysis Desired<br>Lead                                                               |                                 |                                      |                |             |
| Sampling Data                                                                          |                                 |                                      |                |             |
| Location                                                                               | Sample                          | #                                    | Results        | Remarks     |
| Rightlane (Lancs) at Builet trap<br>on Floor                                           | W0-100                          |                                      |                |             |
| Middle Lane (Lane 3) at Bullet trap<br>on Floor                                        | WO -101                         |                                      |                |             |
| Leftlane (lane 1) in corner                                                            | W0-102                          | -                                    |                |             |
| Rightwall, 3ft up, where<br>green paint begins<br>Centrlane (3) 15ft from              | WO -103                         |                                      |                |             |
| Centrlane (3) 15 ft from Firing Line Left Lane (1) 20 ft from                          | W0-104                          |                                      |                |             |
| Left Lane (i) 20 ft from<br>firing Line                                                | WO-105                          |                                      |                |             |
| top of stairs, on floor                                                                | WO-106                          | ,                                    |                |             |
| on Ploor, just inside outer door<br>to Aring range<br>on floor, just inside range door | WD-107                          |                                      |                |             |
| onfloor, just in side range door                                                       | WO-108                          |                                      |                |             |
| BLANK                                                                                  | W0-100                          | 1                                    |                |             |
| BLANK                                                                                  | WO-110                          | )                                    |                | _           |
| BLANK                                                                                  | -WOSE                           | =                                    |                |             |
| Comments to Lab:                                                                       | CAN                             |                                      |                |             |
| •                                                                                      | v.                              |                                      |                |             |

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. - Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.analab.com

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

148417

| CTACC, MAY 210  CTACC, MAY 210  DATE SWITH TESSUITS  REPORTED  TY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY)  OTY  OTY                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                     | Non                                                                                            |                                                                                          |     | TEN                                                                             | اد                                                           |            | )<br> <br> <br> | Nor                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3                                                         | 8                                                                                              | By (Pont):                                                                     | Ву                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                      | <br> ®     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | ì                                     |                                        | 2. Date/Time Analyzed: 3. Results Reported To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ne Ana<br>Renort                                                                                 | <ol> <li>Date/Time Analyzed:</li> <li>Results Reported To:</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 2 D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------|--------------------------------------------------------------|------------|-----------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   A   Contact Proon   Contact Proon   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact   Contact    | Po<br>Ma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                     | Sign:                                                                                          |                                                                                          |     |                                                                                 |                                                              |            |                 | n-Responsiv                                                | y (Phi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | F                                                         |                                                                                                | g                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 闷                                                    | (%)<br>(%) | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7    | Ng<br>Sg                              |                                        | VD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | AFF O                                                                                            | TORY STAFF ONLY  1. Date/Time RCVD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RATOI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ABOI                                                                                                                                 | ĘĄ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Person:   Contact Pe   | ested t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                     |                                                                                                |                                                                                          |     |                                                                                 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00 |            |                 | E                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                                                                                                |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | H                                     |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A. Contact Person   A. Contact Person   A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. A. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact Person   B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Contact B. Conta   | o NGB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                     |                                                                                                | 7.50<br>7.50<br>7.50                                                                     |     |                                                                                 |                                                              |            |                 | 1000<br>1000<br>1000<br>1000<br>1000                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                         |                                                                                                |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (    |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  | O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (J.M.)                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ax # 413 - CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A CAN A C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Contact:                                                                                                                            | Date/Time:                                                                                     | - 775<br>- 375<br>- 377                                                                  |     |                                                                                 |                                                              |            |                 |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                                                                                                |                                                                                | 6346<br>(33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8                                                                                                                                    | < 5 k                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| * # 43 - 210 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | eading                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                     |                                                                                                |                                                                                          |     |                                                                                 |                                                              | 135<br>134 | 200             |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           | 1838<br>1838<br>1848<br>1848                                                                   | \$30<br>\$30<br>\$30<br>\$30<br>\$30<br>\$30<br>\$30<br>\$30<br>\$30<br>\$30   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | WO-107                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30                                                                                                                                   | 5 <b>5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| # 410 - 10 210 210 210 210 210 210 210 210 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Contact                                                                                                                             | Date/Time:                                                                                     |                                                                                          |     |                                                                                 |                                                              |            |                 |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                                                                                                |                                                                                | 227                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200 |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8<br>1<br>1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                      | <b>5 5 8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x # 43 - 210  x  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                     |                                                                                                |                                                                                          |     |                                                                                 |                                                              |            |                 |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           | - 0.00                                                                                         |                                                                                | 245<br>245<br>245<br>245                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                      |            | - 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100<br>- 100 |      |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 33                                                                                               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                      | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ######################################                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ву:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Contact:                                                                                                                            | Date/Time:                                                                                     |                                                                                          |     | 7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7.<br>7 | 100000                                                       |            |                 | 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 17                                                        | 1                                                                                              |                                                                                | 13 S. S. S. S. S. S. S. S. S. S. S. S. S.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | - 5                                                  | 1 3        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ^    |                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 50                                                                                                                                   | <b>E</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CLIENT CONTACT (LABORATORY STAFF ONLY                                                                                               |                                                                                                | SWAB                                                                                     |     |                                                                                 | AAIRI<br>WARRAS                                              | nr.        | BULK            |                                                            | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sis                                                       | PLM                                                                                            | 2.21                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | WIPE<br>ATEA                                         |            | TING V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S A  | \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | OCATION<br>CATION                      | MPLE I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SAN                                                                                              | ) ~B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | J.] _                                                                                                                                | 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| x # 40 - 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Q Control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont | (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  Analysis  (QTY)   Surface Vacuum Dus  (QTY)  (QTY)   QOTY)   Other (Specify | Copy:  Cipy:  Ship hip type type wipe type wild (Quality type type type type type type type ty | Email Email Email Email Email Paint ( Dust W Air Soil/So TCLP Drinki Waste Dust W Dust W |     |                                                                                 | nd.Aff                                                       | Try (QTY   | TY) Less of     | (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q) (Q)                    | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) | in good                                                   | hatfiel  Trem  Trem  Trem  Trem  S) Vacu  Vacuu  Vacuu  Dust D  S)  PA 100  PA 100  ples  ples | 198.4/C te PLN al Ash pres/abs s/area) s/area) s/area) s/area) s/area) s/area) | PDY.  LAP   LAP   Sesidus Sesidus Lat Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( Duan. ( |                                                      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30 3 |                                       | cell#_ n 37mm y) n 37mm y) O(TY) Q(TY) | #Type: in a 25mm (QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | te Filter it e Filter it e Filter it e Filter it e Filter it it it it it it it it it it it it it | sis: Indicat rosity_000 indicat rosity_000 indicat rosity_000 indicat rosity_02 indicat rosity_02 indicat Count_Triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_triable_t | Asbestos Analysis  PCM/Air – Please Indicate Filter Type: PC MCE Porosityin a 25n  INIOSH 7400(QTY)  TEM/Air – Please Indicate Filter Type: PC MCE Porosity in a 25n  INIOSH 7402(QTY)  INIOSH 7402(QTY)  Other (specify)  PLM/Bulk  I EPA 600 – Visual Estimate  I DAY State Friable  Other (specify)  Other (specify)  Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | D Verbals:  Asbestos A  PCMAir - I  PC MC  PC MC  D Fiber  TEMAir - I  PC MC  D AHB  D NIOS  D Othe  ELM Bulk  D EPA  D NY S  D Grav | PASS HE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTION OF THE SERVED AND A DESCRIPTI |
| Submittal Information:    Considered   FR   1. Job Name: Considered   FR   500   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Job Name: Not to the Constant   1. Jo | Record #J-15-0085 (MD<br>by National Guard Bureau                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MD - 1FK                                                                                                                            | Signature:                                                                                     | Nucl S                                                                                   | A K |                                                                                 |                                                              | BB         | Es soo          | nform<br>ue: (\frac{1}{2}\)  nition:  Persor  d by:  ided: | ittal I b Nam b Loca b #: ontact i bmitte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Submi<br>1. 101<br>2. 101<br>3. 104<br>4. Co<br>5. Sull b | Souts .                                                                                        | 3 2                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | [2]                                                  |            | 3 2 C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2    | with result                           | E C BOC                                | nation: (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. On ell (a.t. | formation Alath  Alath  BOL-1H  EXVC=  C-942  OCHield of                                         | g Information ic: Nath 301-14 Have Have e COCffeld                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mailing/Billing Information:  1. Client Name: \( \lambda \text{LCL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lambda \text{LL} \) \( \lam | Address Address Address Address Address Address Address Address                                                                      | 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



### **DEPARTMENT OF THE ARMY** US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE 5158 BLACKHAWK ROAD

ABERDEEN PROVING GROUND MD 21010-5403

MCHB-TS-OFS

May 2004

MEMORANDUM FOR Army National Guard Bureau (NGB) Region North Industrial Hygiene NGB-AVS-SI-IH/Vanessa Franchere, 301-IH Old Bay Lane, Havre de Grace, MD 21078

SUBJECT: Maryland Army National Guard Facilities Industrial Hygiene Baseline Surveys, Project No. 55-ML-01ED-03 Fifth Regiment Armory, Baltimore, MD

- 1. Enclosed is a copy of subject report and one CD-ROM.
- 2. Please direct any additional comments or concerns to Ms. at DSN 584-5475/3118, commercial (410) 436-5475/3118 or e-mail address at sponsive @apg.amedd.army.mil.

**ENCL** 

Industrial Hygienist Industrial Hygiene Field Services Program

Readiness thru Health

## U.S. Army Center for Health Promotion and Preventive Medicine







MDARNG FACILITIES IH BASELINE SURVEY FIFTH REGIMENT ARMORY BALTIMORE, MD 55-ML-01ED-03











Approved for public release; distribution unlimited.

#### **Readiness Thru Health**

#### U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE

The U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) lineage can be traced back over 50 years to the Army Industrial Hygiene Laboratory. That organization was established at the beginning of World War II and was under the direct jurisdiction of The Army Surgeon General. It was originally located at the Johns Hopkins School of Hygiene and Public Health, with a staff of three and an annual budget not to exceed \$3000. Its mission was to conduct occupational health surveys of Army operated industrial plants, arsenals, and depots. These surveys were aimed at identifying and eliminating occupational health hazards within the Department of Defense's (DOD) industrial production base and proved to be beneficial to the Nation's war effort.

Until 1995, it was nationally and internationally known as the U.S. Army Environmental Hygiene Agency or AEHA. Its mission is expanding to support the worldwide preventive medicine programs of the Army, DOD and other Federal Agencies through consultations/ supportive services; investigations and training.

Today, AEHA is redesignated the U.S. Army Center for Health Promotion and Preventive Medicine. Its mission for the future is to provide worldwide technical support for implementing preventive medicine, public health and health promotion/wellness services into all aspects of America's Army and the Army Community anticipating and rapidly responding to operational needs and adaptable to a changing work environment.

The professional disciplines represented at the Center include chemists, physicists, engineers, physicians, optometrists, audiologists, nurses, industrial hygienists, toxicologists, entomologists, and many other as well as sub-specialties within these professions.

The organization's quest has always been one of excellence and continuous quality improvement; and today its vision, to be the nationally recognized Center for Health Promotion and Preventive Medicine, is clearer than ever. To achieve that end, it holds ever fast to its values which are steeped in its rich heritage:

- ♦ Integrity is the foundation
- ♦ Excellence is the standard
- Customer satisfaction is the focus
- Its people are the most valued resource
- ◆ Continuous quality improvement is its pathway

The organization, which stands on the threshold of even greater challenges and responsibilities, has General Officer leadership. As it moves into the next century, new programs are being added related to health promotion/wellness, soldier fitness and disease surveillance. As always, its mission focus is centered upon the Army Imperatives so that we are trained and ready to enhance the Army's readiness for war and operations other than war.

It is an organization fiercely proud of its history, yet equally excited about the future. It is destined to continue its development as a world-class organization with expanded services to the Army, DOD, other Federal Agencies, the Nation and the World Community.



#### **DEPARTMENT OF THE ARMY**

US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
5158 BLACKHAWK ROAD
ABERDEEN PROVING GROUND MD 21010-5403

# EXECUTIVE SUMMARY MARYLAND ARMY NATIONAL GUARD FACILITIES INDUSTRIAL HYGIENE BASELINE SURVEYS, FIFTH REGIMENT ARMORY BALTIMORE, MD PROJECT NO. 55-ML-01ED-03

1. PURPOSE OF EVALUATION. To conduct surveys at Army National Guard (ARNG) facilities to identify and measure the existence and extent of potentially hazardous operations or conditions at ARNG facilities. The survey will serve to establish a baseline so that a worker's history of exposures is provided for each civilian or military employee.

#### 2. CONCLUSIONS.

- a. Indoor Air quality. The armory relative humidity of 60 % met the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) recommended guidelines for air quality of 30%- 60% relative humidity. The indoor temperature of 77.1 degrees Fahrenheit was within the ASHRAE recommended guidelines for an acceptable thermal environment of 73-79 degrees Fahrenheit in the summer and 68-74.5 degrees Fahrenheit in the winter at 50 % relative humidity. The indoor carbon dioxide level of 429 ppm met the ASHRAE recommended guidelines. To alleviate occupant discomfort ASHRAE recommends that the carbon dioxide concentration in the room not exceed 700 parts per million (ppm) more than the outdoor ambient carbon dioxide concentration of 350 ppm. Therefore the total carbon dioxide level should not exceed approximately 1050 ppm in this armory. All air samples were below the laboratory analytical detection limit for lead in air of 3.0 to 15.0μg/m³ as well as the Occupational Health and Safety Administration (OSHA) standard of 50μg/m³ for lead in air. The POC stated that ventilation is poor in the Education Office.
- b. Lead. Eight dust-lead wipe sample results exceeded the USACHPPM recommended decontamination level of 200µg/ft² for dust-lead on frequently contacted surfaces (the range was 120 to 4,900,000µg/ft²). Fifteen dust-lead wipe sample results exceeded the EPA lead exposure level for children of 40µg/ft² on floors and the USACHPPM decontamination level of 200µg/ft² for all other surfaces. Dust-lead levels in the former IFR are extremely high. One sample exceeded 4,000,000µg/ft². Parts of the former IFR have never been fully cleaned and the IFR is now being used as a storage room. Personnel responsible for the storage in this room are potentially exposed to significant levels of lead, and are tracking lead out of the area and redistributing it into adjacent rooms in the armory. This can result in lead exposures for children and for the general workforce. There is also a potential for these personnel to take lead contamination out of the workplace into their vehicles and homes. One of five deteriorated paint sample results exceeded the EPA standard of 0.5 % lead and is lead-based paint. Deteriorated lead-based paint is hazardous to children. Two additional samples were below the definition of

Readiness thru Health
Printed on Recycled Paper

lead-based paint, but exceeded the laboratory analytical detection limits of 0.01 %. These samples are referred to as lead-contaminated paint, and are potentially hazardous to children and to the general workforce.

- c. There are vinyl asbestos floor tiles in this facility.
- d. Lead in water testing revealed all samples were below the EPA action level of 15 parts per billion (ppb) lead in water.
- 3. RECOMMENDATIONS. The Department of Defense Risk Assessment Codes (RAC) for Health Hazards enables one to prioritize remedial action for hazards. Risk Assessments Codes range in magnitude from 1 to 5, with 1 being the highest priority. The RAC for Lead Exposure in the former indoor firing range is classified as 4. The RAC for Lead Exposure throughout the rest of the armory is classified as 5. Clean all areas in and adjacent to the former IFR immediately and in other areas where sampling results showed the presence of dust-lead. Comprehensive guidelines are in Appendix F. Consult with the Maryland Armory Environmental Coordinator concerning waste disposal requirements after cleanup. If children will continue to use this facility, clean surfaces to the EPA dust-lead standard for young children of  $40\mu g/ft^2$  on floors and clean to  $200\mu g/ft^2$  for dust-lead on all other surfaces. Recleaning may further prevent lead from becoming redistributed into adjacent rooms and resulting in exposures for children and for the general workforce. Repair and stabilize deteriorated paint. A potential occupational exposure to lead has been identified for workers involved in renovation and abatement activities. These workers are required to be in compliance with the OSHA lead in construction standard 29 CFR 1926.62. There is a potential for personnel taking lead contamination out of the workplace into their vehicles and homes. Wear disposable gloves and disposable coveralls as extra protection when working in areas identified as having elevated levels of lead. The vinyl asbestos floor tiles are intact. If they become damaged in the future the asbestos tiles may become friable and asbestos fibers may be released. Army policy requires the armory to establish and execute an asbestos hazard management plan for all asbestos in the facility, and to take immediate corrective action where a possible asbestos-related health hazard has been identified. Test the ventilation in the Education Room.

#### TABLE OF CONTENTS

| Pa | ragraph                              | Page |
|----|--------------------------------------|------|
| 1. | AUTHORITY                            | 1    |
| 2. | PURPOSE OF EVALUATION                | 1    |
| 3. | BACKGROUND INFORMATION               | 1    |
| 4. | SUMMARY OF ACTIONS                   | 1    |
| 5. | ASSESSMENT CRITERIA FOR LEAD         | 3    |
| 6. | SAMPLING RESULTS                     | 3    |
| 7. | DISCOSSION THE CONCESSION STREET     |      |
| 8. | RECOMMENDATIONS                      | 7    |
| 9. | ADDITIONAL ASSISTANCE                | 7    |
| En | closure                              |      |
| 1. | Lead Exposure in Former Firing Range | 8    |
| 2. | Asbestos Exposure                    | 8    |
| 3. | Additional Recommendations           | 9    |
| •  | ppendices                            |      |
| A. | - ASSESSMENT CRITERIA FOR LEAD       | A-1  |
| В. | - SITE MAPS                          | B-1  |
|    | - PHOTOGRAPHS                        |      |
|    | - SAMPLING SHEETS AND LAB ANALYSES   |      |
|    | - REFERENCES                         |      |
|    | - LEAD CLEANING GUIDANCE             |      |
| G. | - MOLD GUIDANCE                      | G-1  |



#### **DEPARTMENT OF THE ARMY**

### US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE 5158 BLACKHAWK ROAD ABERDEEN PROVING GROUND MD 21010-5403

MCHB-TS-OFS

#### MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Maryland Army National Guard Facilities Industrial Hygiene Baseline Surveys, Project No. 55-ML-01ED-03

LOCATION: Fifth Regiment Armory Baltimore, MD

- 1. AUTHORITY. E-Mail dated 28 February 2003 from Ms Non-Responsive, Industrial Hygienist, MD Army National Guard, to the USACHPPM Industrial Hygiene Field Services Program.
- 2. PURPOSE OF EVALUATION. To conduct surveys at Army National Guard (ARNG) facilities to identify and measure the existence and extent of potentially hazardous operations or conditions at ARNG facilities. The survey will serve to establish a baseline so that a worker's history of exposures is provided for each civilian or military employee.
- 3. BACKGROUND INFORMATION.
- a. Armory Mission. State Headquarters for the Maryland National Guard. The armory also hosts the annual Maryland National Guard Indoor Scholastic Games with more than 2500 student athletes from 85 area high schools in individual and team competition in track and field exercises. The Fifth Regiment Armory also has been a key site for emergency operations during major snowstorms and civil unrest as a command operations site, including support of a Operation Desert Storm in 1990-91.
- b. Date of Construction. Originally built around 1910. It was destroyed by fire in 1926 and then rebuilt.
- c. POC. Staff Sergeant Non-Responsive, Environmental Compliance Assessment Coordinator for the MD NGB 410-576-6132.
  - d. Survey date. 08 September 2003.
- 4. SUMMARY OF ACTIONS.

- a. Sampling. Surface dust-lead wipe, air, water and bulk paint sampling was conducted to determine the existence of lead-based paint and/or lead-based paint hazards (paint-lead hazards). CO2, temperature, and relative humidity measurements were collected to determine indoor air quality. Sample locations are in Appendix D.
  - b. Physical Condition of Facilities.
- (1) Paint. Staff Sergeant Non-Responsive, Environmental Compliance Assessment Coordinator for the MD NGB, has records that state that lead has been abated in the armory. However, there is still deteriorated lead-based paint in the armory. Also there are extremely high levels of lead present in the former indoor firing range.
- (2) Asbestos. Staff Sergeant has records that state that all asbestos was abated in this armory. There are vinyl asbestos floor tiles still remaining in the Army Band Office.
  - (3) Mold. No mold was observed.
  - (4) Safety Hazards. No safety hazards were observed.
- c. Other Building Concerns. The POC stated that there is not enough ventilation in the education office.
- d. Safety and Industrial Hygiene Programs. There are no written program records at the armory.
- e. Heating, Ventilation, and Air-conditioning System. Ventilation and air are provided mainly by window-mounted air conditioning units and the manual operation of windows when the building is not being heated (80 % of the building). The remaining 20 % of the building space is made up of offices that have a central air conditioning system.
  - f. Noise Dosimetry. No operation that could produce hazardous noise levels was identified.
- g. Lighting. All areas appeared to be adequately lit and occupants reported no areas of deficient lighting.
- h. Converted indoor firing range (IFR). Parts of the former IFR have never been fully cleaned and the IFR is now being used as a storage room. All dust-lead levels in this room are extremely high, and some greatly exceed the USACHPPM and National Guard Bureau Region North Industrial Hygiene Office recommended surface decontamination level of  $200\mu g/ft^2$ .
  - i. Photographs (Appendix C).

- j. Site Maps (Appendix B).
- k. Facility use by children. The POC stated that a local high school holds track meets on the indoor track. Occasionally there are family support group dinners. There is an annual Irish festival and other occasional public events such as train shows held in the armory in which children participate.
- 5. ASSESSMENT CRITERIA FOR LEAD. (Appendix A).
- 6. SAMPLING RESULTS.
- a. Indoor Air Quality. The armory relative humidity of 60 % met the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) recommended guidelines for air quality of 30%-60% relative humidity. The indoor temperature of 77.1 degrees Fahrenheit was within the ASHRAE recommended guidelines for an acceptable thermal environment of 73-79 degrees Fahrenheit in the summer and 68-74.5 degrees Fahrenheit in the winter at 50 % relative humidity. The outdoor carbon dioxide level was 350 parts per million (ppm). The indoor carbon dioxide level of 429 ppm was within the ASHRAE recommended guidelines. To alleviate occupant discomfort ASHRAE recommends that the carbon dioxide concentration in the room not exceed 700 ppm more than the outdoor ambient carbon dioxide concentration, which was 350 ppm. Therefore the total carbon dioxide level should not exceed approximately 1050 ppm in this armory.
- b. Lead. Eight dust-lead wipe sample results exceeded the USACHPPM recommended decontamination level of  $200\mu g/ft^2$  for dust-lead on frequently contacted surfaces (the range was 120 to  $4,900,000\mu g/ft^2$ ). Fifteen dust-lead wipe sample results also exceeded the EPA lead exposure level for children of  $40\mu g/ft^2$  on floors and the USACHPPM recommended decontamination level for  $200g/ft^2$  for dust-lead on all other surfaces. One of five deteriorated paint sample results was above the EPA standard of 0.5% lead and is lead-based paint. Deteriorated lead-based paint is hazardous to children. Two additional samples were below the definition of lead-based paint, but exceeded the laboratory analytical detection limits of 0.01%. These samples are referred to as lead-contaminated paint, and are potentially hazardous to children. The lead in water testing results are all below the EPA action level of 15 parts per billion (ppb).

Some dust-lead levels in the former IFR are extremely high. One sample result exceeds  $4,000,000\mu g/ft^2$ . All air samples were below the laboratory analytical detection limit for lead in air of 3.0 to  $15.0\mu g/m^3$  as well as the Occupational Health and Safety Administration (OSHA) standard of  $50\mu g/m^3$  for lead in air.

See Table 1 for dust-lead wipe and bulk paint sample locations, photograph numbers, and analytical results. All sample results that are equal to or exceed  $40\mu g/ft^2$  are highlighted.

TABLE 1 Dust-Lead Wipe and Bulk Paint Sample Locations, Photograph numbers, and

**Analytical Results** 

| Sample  | Type of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Location                                               | Floor          | Photo             | Result           |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------|-------------------|------------------|
| Numbers | Sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                        |                |                   | μg/ft²           |
| BR W01  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Counter of kitchen                                     | 4              | 1612              | <110             |
| BR W02  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor near female latrine                              | 4              | 1613              | <110             |
| BR W03  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Under bulletin board in hallway                        | 3              | <mark>0925</mark> | 1000             |
| BR W04  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Filing cabinet corner room 8                           | 3              | 0919              | <110             |
| BR W05  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor under chairs Room 4                              | 3              | 0926              | <110             |
| BR W06  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ledge in Directorate of Logistics office               | 3              | 0923              | <110             |
| BR W07  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Electrical box beside (up from) Room 30                | <mark>3</mark> | <mark>0924</mark> | <mark>190</mark> |
| BR W08  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Wall at entrance into elevator lobby from              | 3              | 0927              | <110             |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | drill area                                             |                |                   |                  |
| BR W09  | Wipe Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property of the Property | Windowsill in human resources office                   | 3              | <mark>1615</mark> | <mark>210</mark> |
| BR W10  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor in stairwell of third floor near human           | 3              | 1614              | <110             |
| BR W11  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor near column outside Public Affairs Room 23       | 3              | <mark>1616</mark> | <mark>650</mark> |
| BR W12  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Top of refrigerator in Plans, OPS and TNG office RM 15 | 1              | 1619              | <110             |
| BR W13  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Step in seating area overlooking drill floor           | 3              | <mark>1622</mark> | <mark>190</mark> |
| BR W14  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | On top of fire hose box                                | 2              | 0928              | 1500             |
| BR W15  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cabinet in M-8                                         | 2              | 0929              | <110             |
| BR W16  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Outside women's bathroom                               | 2              | 0930              | <110             |
| BR W17  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Corner of beam and wall by server box                  | 2              | 0931              | <110             |
| BR W18  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | By radiator in front of restroom                       | 2              | 0932              | <110             |
| BR W19  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor outside State HQ DET                             | 2              | <b>1621</b>       | <mark>150</mark> |
| BR W20  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Wall near door to hall from NG Honor Guard office      |                | 1622              | <110             |
| BR W21  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor near unit ministry team next to lockers          |                | 1625              | <110             |
| BR W22  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Wall near fire hose outside of Rm M23                  |                | 1626              | <110             |
| BR W23  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Floor outside Rm 25 (Fitness)                          |                | 1627              | <110             |
| BR W24  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Top of box in Rm 20                                    | 1              | 0933              | <110             |
| BR W25  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Under fire extinguisher                                | 1              | 0934              | <110             |
| BR W26  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | By door D-29 (HQ STARC Supply Room)                    | 1              | 0935              | <110             |
| BR W27  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Under water fountain                                   | 1              | 0936              | <110             |
| BR W28  | Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Under fire hose by command historian's                 | 1              | 0937              | <110             |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | office                                                 |                |                   |                  |

| BR W29     | Wipe | Step leading to second floor from Army Band Office    |              | 1628              | 120              |
|------------|------|-------------------------------------------------------|--------------|-------------------|------------------|
| BR W30     | Wipe | Floor under fire exits near vendor lobby              |              | 1631              | <110             |
| BR W31     | Wipe | Landing of spiral staircase near education office     |              | <mark>1632</mark> | 14000            |
| BR W32     | Wipe | Window sill in education office. Citarella's office.  |              | <mark>1633</mark> | <mark>130</mark> |
| BR W33     | Wipe | Ammunition Room Table                                 | Base<br>ment | NA                | <110             |
| BR W34     | Wipe | Ammunition Room Floor                                 | Base<br>ment | NA                | 1400             |
| BR W35     | Wipe | Drill Floor Table surface                             | Drill        | NA                | <110             |
| BR W36     | Wipe | Drill Floor Blue Recycling Bin                        | Drill        | NA                | <110             |
| BR W37     | Wipe | Drill Floor Entrance                                  | Drill        | NA                | <110             |
| BR W38     | Wipe | Drill Floor center of floor                           | Drill        | NA                | <110             |
| BR W39     | Wipe | Drill Floor folding chairs                            | Drill        | NA                | <110             |
| BR W40     | Wipe | Former Firing Range Backstop/ Baffle area             | Base<br>ment | 1011              | 230000           |
| BR W41     | Wipe | Former Firing Range Trough/catchment area             | Base<br>ment | 1012              | 4900000          |
| BR W42     | Wipe | Former Firing Range Center of Floor                   | Base<br>ment | 1013              | 37000            |
| BR W43     | Wipe | Former Firing Range Floor Entrance (Just inside door) | Base<br>ment | 1014              | <mark>440</mark> |
| BR Bulk 01 | Bulk | Wall near Room 15 peeling paint                       | Base<br>ment | 1620              | 0.14 %           |
| BR Bulk 02 | Bulk | Wall of stairwell in Army Band Office                 |              | <mark>1629</mark> | 0.72 %           |
| BR Bulk 03 | Bulk | Area under stairwell near Army Band Office            |              | 1630              | 0.16 %           |
| BR Bulk 04 | Bulk | Radiator in Education Office                          |              | 1634              | < 0.0097         |
| BR Bulk 05 | Bulk | Lead Paint Chip                                       | RmD<br>-22   | NA                | < 0.01           |

Lead in water testing was conducted in this facility. The samples are currently being analyzed.

#### 7. DISCUSSION AND CONCLUSIONS.

a. Most of the building is in good condition. The armory generally observes good housekeeping practices.

MDARNG Facilities IH Baseline Surveys, Fifth Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

b. The armory relative humidity of 60 % met the ASHRAE recommended guidelines for air quality of 30%-60% relative humidity. The indoor temperature of 77.1 degrees Fahrenheit was within the ASHRAE recommended guidelines for an acceptable thermal environment of 73-79 degrees Fahrenheit in the summer and 68-74.5 degrees Fahrenheit in the winter at 50 % relative humidity.

The indoor carbon dioxide level of 429 ppm met the ASHRAE recommended guidelines. To alleviate occupant discomfort ASHRAE recommends that the carbon dioxide concentration in the room not exceed 700 ppm more than the outdoor ambient carbon dioxide concentration of 350 ppm. Therefore, the total carbon dioxide level should not exceed approximately 1050 ppm in this armory.

- c. All air samples were below the laboratory analytical detection limit for lead in air of  $3.0 \text{ to } 15.0 \mu\text{g/m}^3$  as well as the Occupational Health and Safety Administration (OSHA) standard of  $50 \mu\text{g/m}^3$  for lead in air.
- d. Eight dust-lead wipe sample results exceeded the USACHPPM recommended decontamination level of  $200\mu g/ft^2$  for dust-lead on frequently contacted surfaces (the range was 120 to 4,900,000 ug/ft2). Fifteen dust-lead wipe sample results also exceeded the EPA lead exposure level for children of 40ug/ft2 on floors and the USACHPPM decontamination level of  $200\mu g/ft^2$  for dust-lead on all other surfaces.
- e. Dust-lead levels in the former IFR are extremely high. Parts of the former IFR have never been fully cleaned and the IFR is now being used as a storage room. Personnel responsible for the storage in this room are potentially exposed to significantly high levels of lead, and are tracking lead out of the area and redistributing lead into adjacent rooms in the armory. This can result in lead exposures for children and for the general workforce.
- f. One of five deteriorated paint sample results was above the EPA standard of 0.5 % lead and is lead-based paint. Deteriorated lead-based paint is hazardous to children. Two additional samples were below the definition of lead-based paint, but exceeded the laboratory analytical detection limits of 0.01 %. These samples are referred to as lead-contaminated paint, and are potentially hazardous for children exposed to this paint.
- g. Army Regulation 420-70 states that the purpose of Army lead hazard management is to protect children from all sources of lead exposure. However, its provisions only control these exposures, and do not eliminate them. Recleaning the areas that showed dust-lead may further prevent exposures for children and for the general workforce. Lead in water testing has been conducted in this facility and samples are currently being analyzed.
  - h. The water samples are below the EPA action levels for lead.

- i. The vinyl asbestos floor tiles are intact. If they become damaged in the future the asbestos tiles may become friable and asbestos fibers may be released. Army policy requires the armory to establish and execute an asbestos hazard management plan for all asbestos in the facility, and to take immediate corrective action where a possible asbestos-related health hazard has been identified.
- 8. RECOMMENDATIONS, Enclosure.
- 9. ADDITIONAL ASSISTANCE. For additional assistance, or questions concerning this report, please contact the undersigned at DSN 584-3118, commercial 410-436-3118, or by e-mail Non-Responsive apg.amedd.army.mil.



INDUSTRIAL HYGIENIST
USACHPPM LEAD AND ASBESTOS TEAM LEADER
Industrial Hygiene Field Services Program
EPA AHERA Asbestos Inspector and Management Planner/
Certification Number MD-070340
EPA Lead Inspector and Lead Risk Assessor/
Certification number 04-7913

#### **ENCLOSURE**

#### FIFTH REGIMENT ARMORY RECOMMENDATIONS

The Department of Defense Instruction Number (DODI) 6055.1 provides Risk Assessment Codes (RAC) for Health Hazards, a procedure which allows us to assess the magnitude of exposure to physical, chemical, and biological agents and the possible medical effects of exposure. The RAC is an expression of the risk associated with the hazard and combines the hazard severity and accident probability into a single numeral. RACs enable one to prioritize hazards. They range in magnitude from 1 to 5, with 1 being the highest priority. The RAC for Lead Exposure in the former indoor firing range is classified as 4. The RAC for all other areas of this armory for Lead Exposure is classified as 5. The RAC for asbestos exposure is classified as 5.

- 1. Lead Exposure in Former Firing Range. RAC 4. Lead Exposure in all other areas of the armory: RAC 5.
- a. Clean all areas in and adjacent to the former IFR immediately and other areas where sampling results showed elevated levels of lead. Comprehensive guidelines are in Appendix F. Consult with the Maryland Armory Environmental Coordinator concerning waste disposal requirements after cleanup. Apply a sealant to the area. Recleaning and sealing the IFR may further prevent lead from becoming redistributed into adjacent rooms and resulting in exposures for children and for the general workforce. Address all potential lead hazards before extending this facility to use for children. If children will be using this facility, clean surfaces to the EPA dust-lead standard for young children of  $40\mu g/ft^2$  on floors and clean to the USACHPPM decontamination level of  $200\mu g/ft^2$  for dust-lead on all other surfaces.
  - b. Repair and stabilize deteriorated paint.
- c. A potential occupational exposure to lead has been identified for workers involved in renovation and abatement activities. These workers are required to be in compliance with the OSHA lead in construction standard 29 CFR 1926.62.
- d. There is a potential for personnel taking lead contamination out of the workplace into their vehicles and homes. Wear disposable gloves and disposable coveralls as extra protection when working in areas identified as having elevated levels of lead.
- 2. Asbestos Exposure. RAC 5.

MDARNG Facilities IH Baseline Surveys, Fifth Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

The vinyl asbestos floor tiles are intact. If they become damaged in the future the asbestos tiles may become friable and asbestos fibers may be released. Army policy requires the armory to establish and execute an asbestos hazard management plan for all asbestos in the facility, and to take immediate corrective action where a possible asbestos-related health hazard has been identified.

3. Additional Recommendations. Test the ventilation in the Education Room.

MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

#### APPENDIX A

ASSESSMENT CRITERIA FOR LEAD

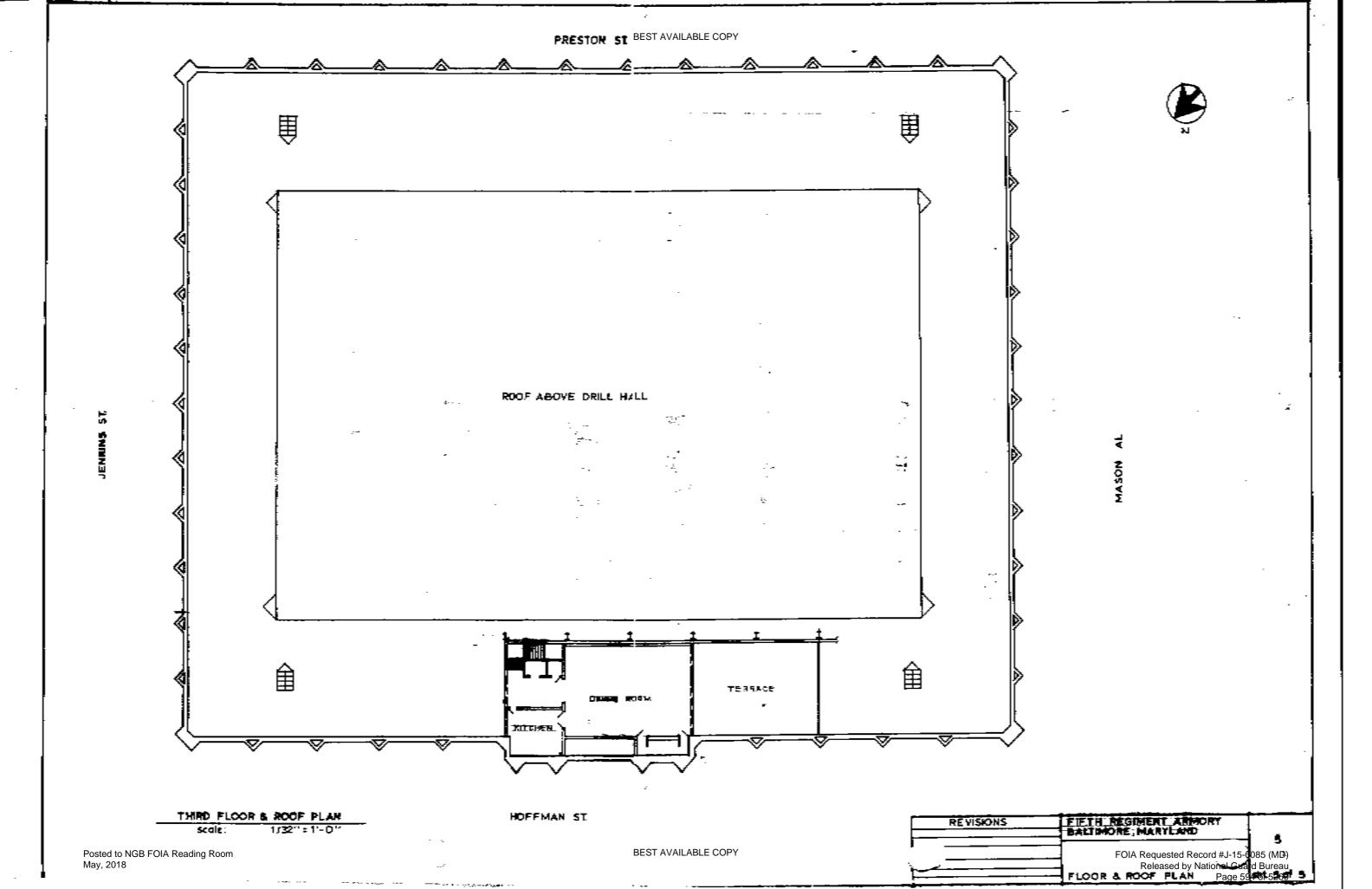
Subject: Proposed Recommendations for Surface Lead in Armories

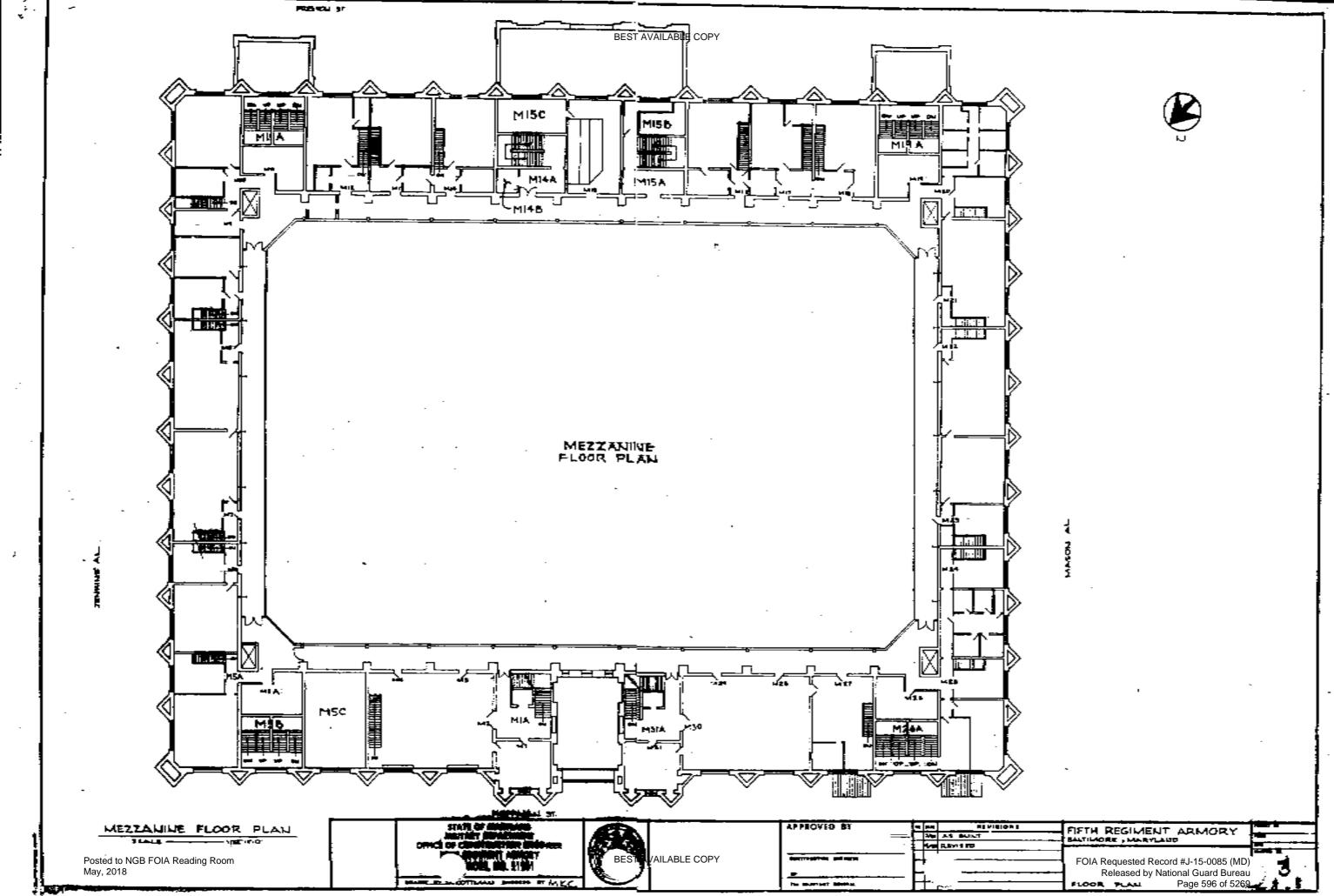
- 1. In armories that do not contain childcare facilities, the NGB Region North Industrial Hygiene Office recommends cleaning the areas in which sample results are greater than  $200 \,\mu\text{g/ft}^2$ . This guidance is based on professional judgment, risk assessments, adaptation of OSHA guidance, and feasibility of cleaning to a certain level.
- a. EPA standards (40 CFR 745.227(e)(8)(viii)) are not directly applicable because they are developed for floors (40  $\mu$ g/ft²), windowsills (250  $\mu$ g/ft²) and window troughs (400  $\mu$ g/ft²) in residential and childcare facilities. Most of the wipe samples in armories were collected in undisturbed areas and therefore, results are worst case scenarios and do not correlate to these standards.
- b. OSHA has no specific requirement for work area surfaces. The lead standard (29 CFR 1910.1025(h)) states that all surfaces shall be maintained as free as practicable of accumulations of lead. In workplaces where lead is generated, surface levels may be much higher, but personnel exposures can be controlled by limiting airborne lead levels and following good cleanup and hygienic practices.
- c. OSHA used to cite a level of 200  $\mu$ g/ft<sup>2</sup> in their Technical Manual and 29 CFR 1926.62 as guidance to its own inspectors for evaluating the cleanliness of lunchroom and locker room surfaces that are supposed to be kept as clean as possible.
- d. In a report titled Derivation of Wipe Surface Screening Levels for Environmental Chemicals, USACHPPM has determined that  $200 \,\mu\text{g/ft}^2$  is a safe surface contamination level. They have also applied these standards as the decontamination levels for surfaces in administrative offices.
- e. It should be noted that levels above these recommendations do not necessarily mean there is a significant hazard to workers who are following good cleaning and hygienic practices since there is no correlation between wipe and air samples. Rather, we recommend these levels as a precautionary measure.
- 2. The NGB Occupational Health Branch is developing guidance for armories that are used as childcare facilities. All states will receive this guidance when it is completed.
- 3. Ambient air samples collected in the armory were well below OSHA's permissible exposure limit for lead (29 CFR 1910.1025(c)) of 0.05 mg/m<sup>3</sup> averaged over an 8-hour day. Therefore, based on these conditions there is currently no overexposure to personnel from lead in this building.

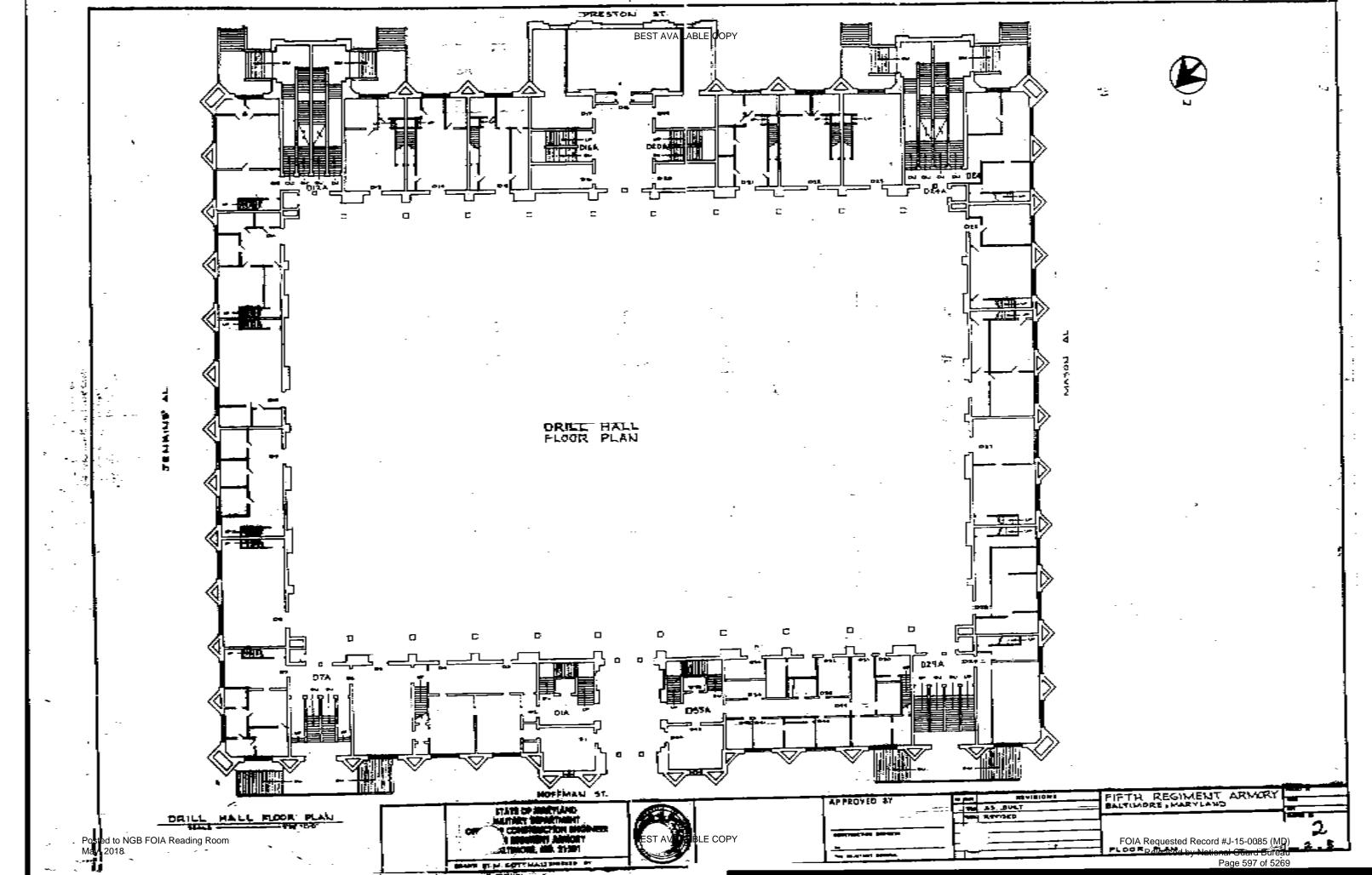
MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

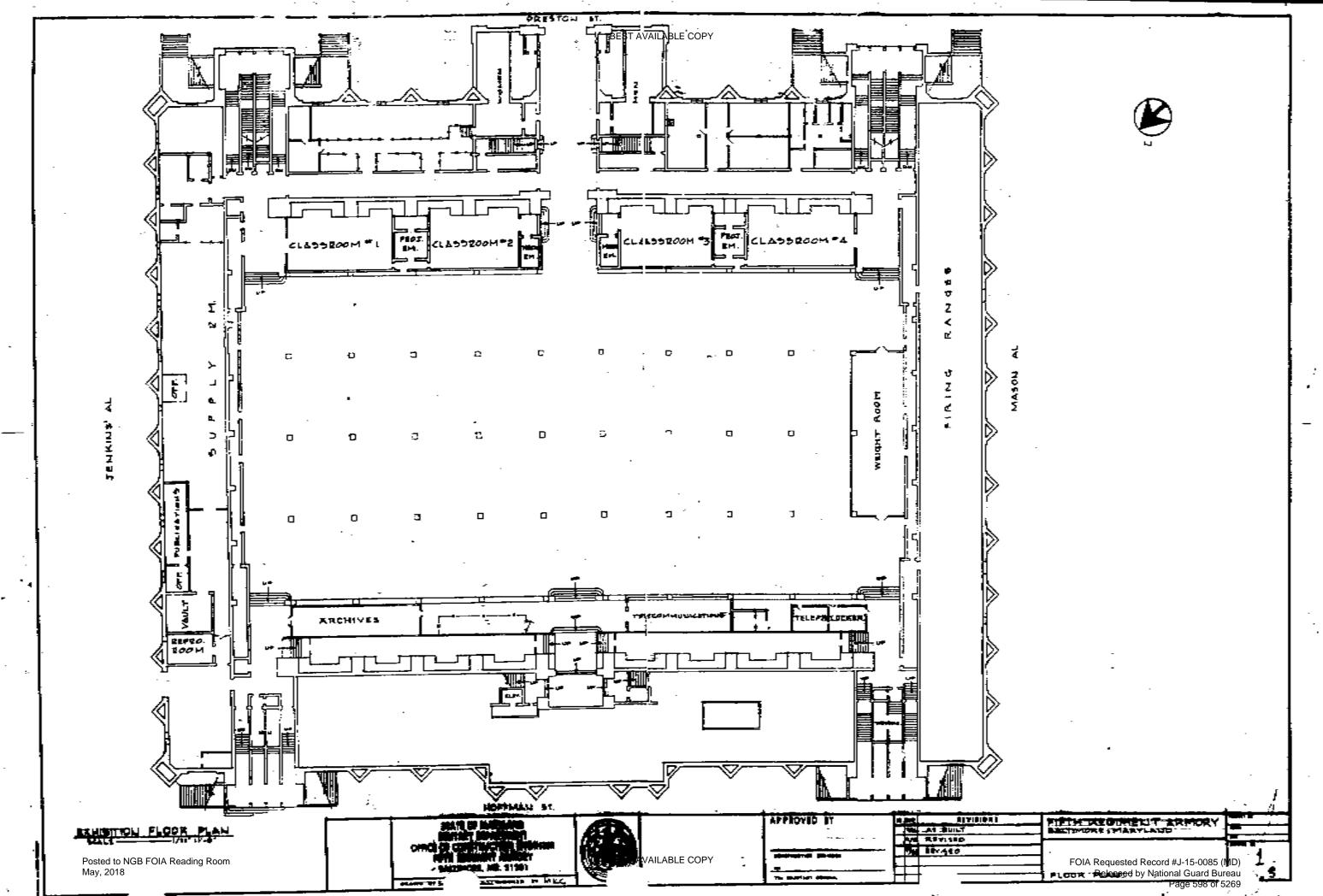
APPENDIX B

SITE MAPS









MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

APPENDIX C

**PHOTOGRAPHS** 

| Photo Location                                         | Floor | Photo Number |
|--------------------------------------------------------|-------|--------------|
| Counter of kitchen                                     | 4     | 1612         |
| Floor near female latrine                              | 4     | 1613         |
| Under bulletin board in hallway                        | 3     | 0925         |
| Filing cabinet corner room 8                           | 3     | 0919         |
| Floor under chairs Room 4                              | 3     | 0926         |
| Ledge in Directorate of Logistics office               | 3     | 0923         |
| Electrical box beside (up from) Room 30                | 3     | 0924         |
| Wall at entrance into elevator lobby from drill area   | 3     | 0927         |
| Windowsill in human resources office                   | 3     | 1615         |
| Floor in stairwell of third floor near human           | 3     | 1614         |
| Floor near column outside Public Affairs Room 23       | 3     | 1616         |
| Top of refrigerator in Plans, OPS and TNG office RM 15 | 1     | 1619         |
| Step in seating area overlooking drill floor           | 3     | 1622         |
| On top of fire hose box                                | 2     | 0928         |
| Cabinet in M-8                                         | 2     | 0929         |
| Outside women's bathroom                               | 2     | 0930         |
| Corner of beam and wall by server box                  | 2     | 0931         |
| By radiator in front of restroom                       | 2     | 0932         |
| Floor outside State HQ DET                             | 2     | 1621         |
| Wall near door to hall from NG Honor Guard office      |       | 1622         |
| Floor near unit ministry team next to lockers          |       | 1625         |
| Wall near fire hose outside of Rm M23                  |       | 1626         |

|          | 1627                                            |
|----------|-------------------------------------------------|
| 1        | 0933                                            |
| 1        | 0934                                            |
| 1        | 0935                                            |
| 1        | 0936                                            |
| 1        | 0937                                            |
|          | 1628                                            |
|          | 1631                                            |
|          | 1632                                            |
|          | 1633                                            |
| Basement | 1011                                            |
| Basement | 1012                                            |
| Basement | 1013                                            |
| Basement | 1014                                            |
| Basement | 1620                                            |
|          | 1629                                            |
|          | 1630                                            |
|          | 1634                                            |
|          | 1 1 1 1 1 1 Basement Basement Basement Basement |

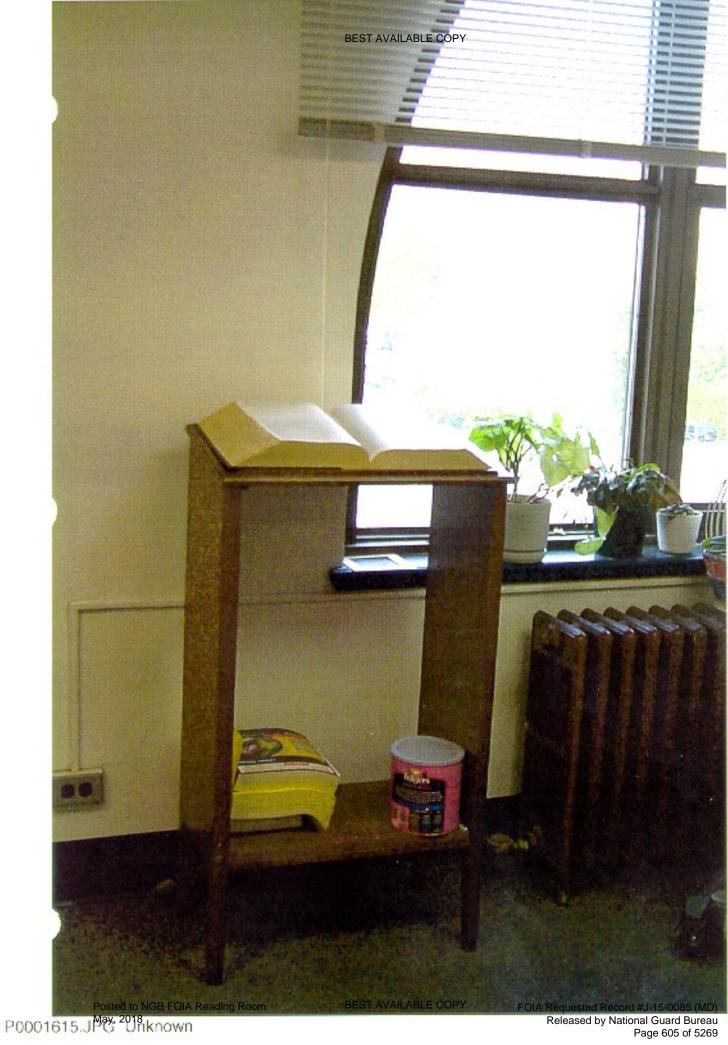
Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

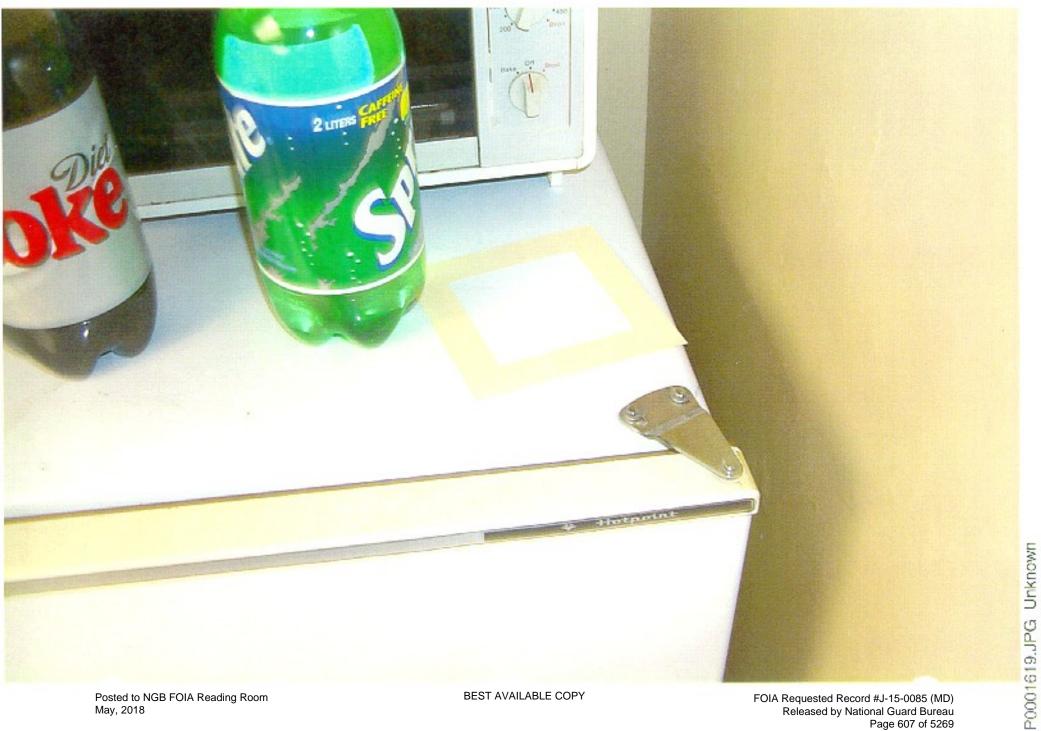
FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 602 of 5269









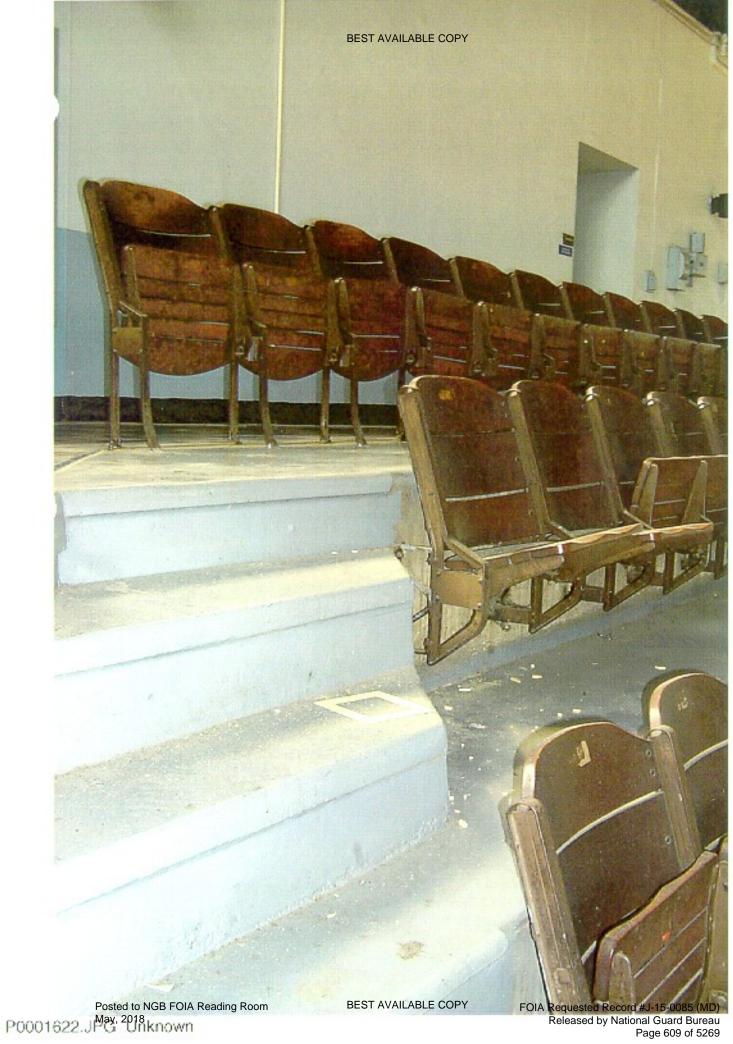


Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 607 of 5269

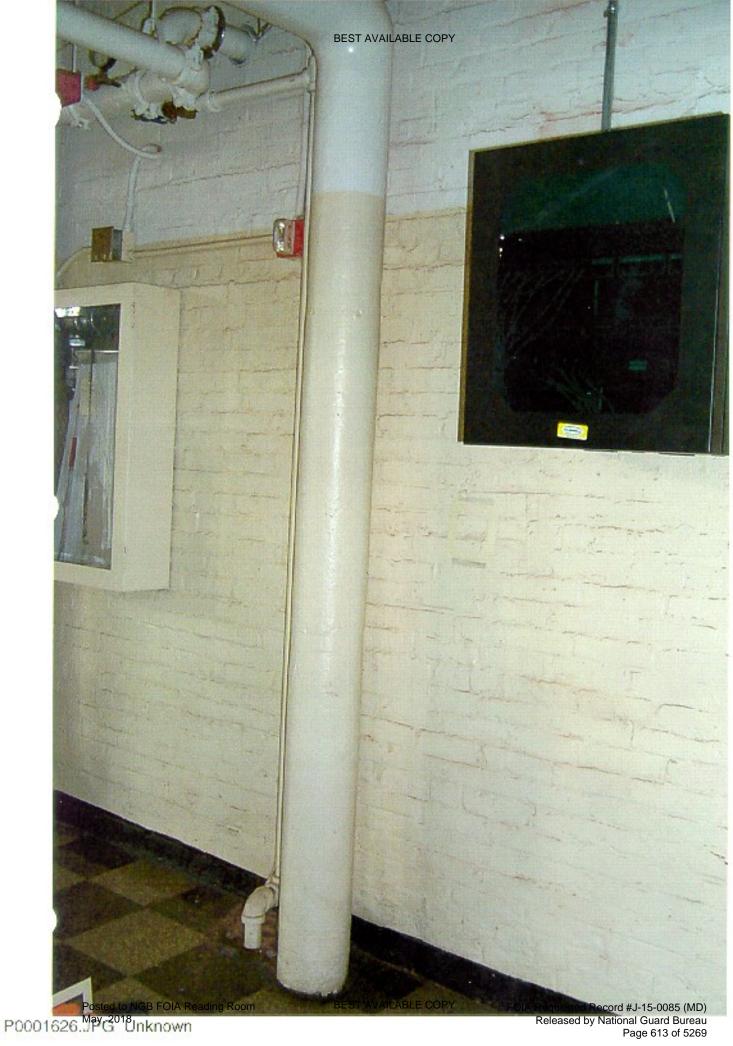




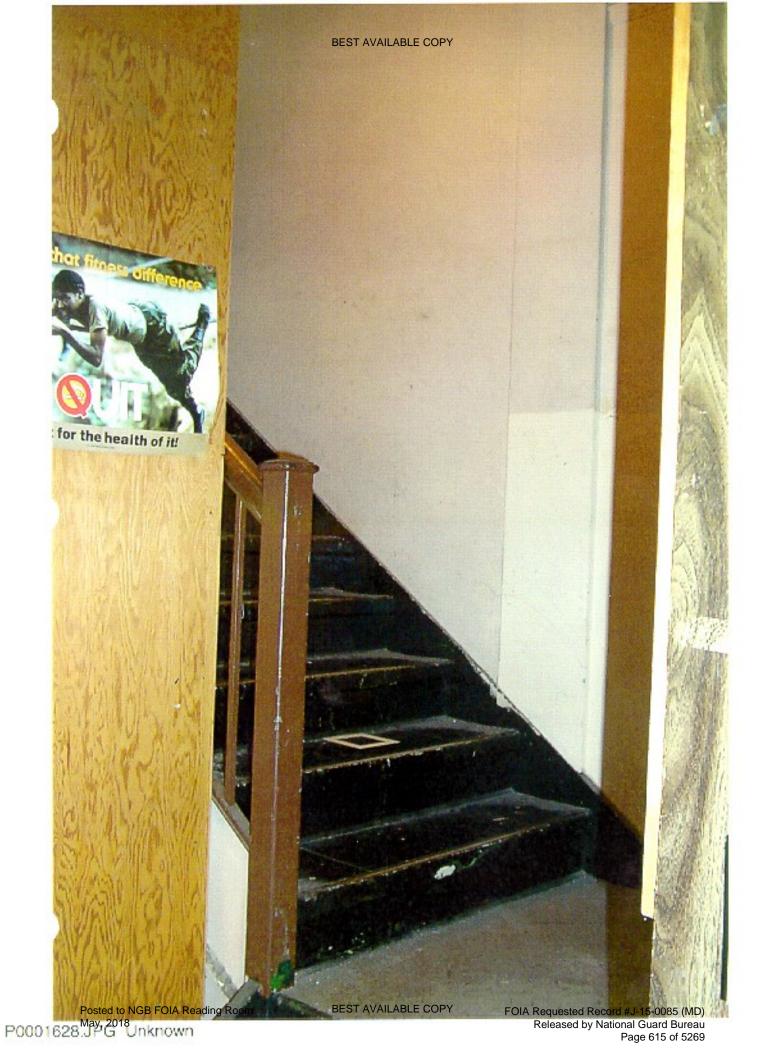


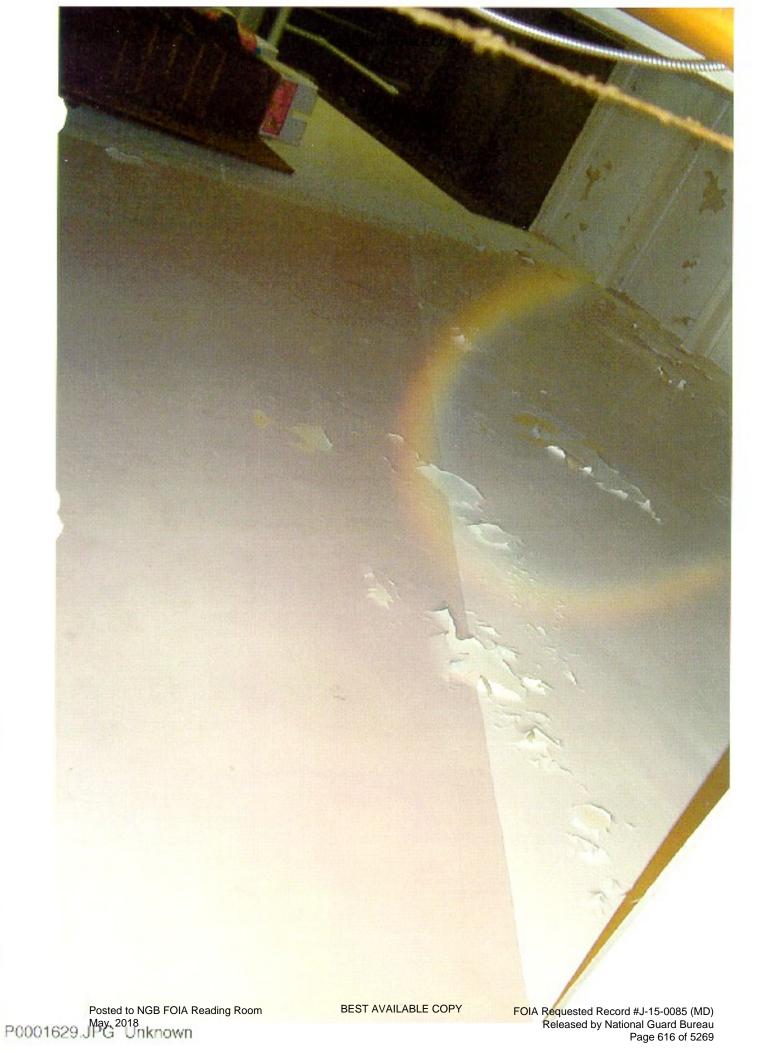














Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY









P0001634.JPG Unknown

DCP 0919,JPG Unknown





BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 623 of 5269



OCP\_0925.JPG Unknown





FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 626 of 5269





BEST AVAILABLE COPY

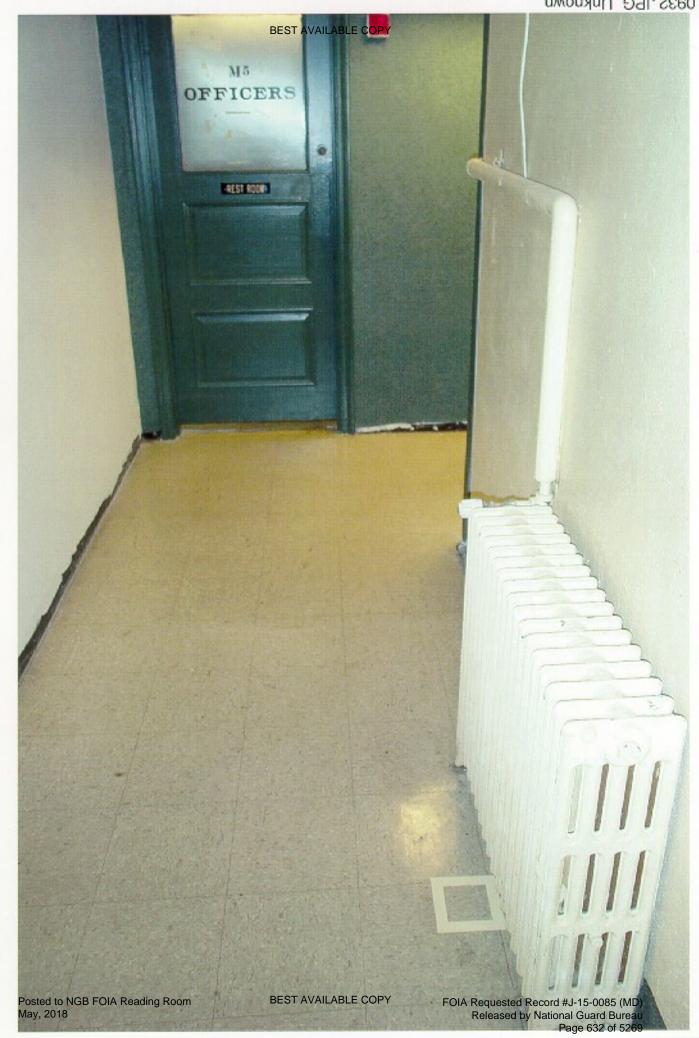
FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 628 of 5269







DCP\_0932.JPG Unknown





**BEST AVAILABLE COPY** 

**BEST AVAILABLE COPY** 

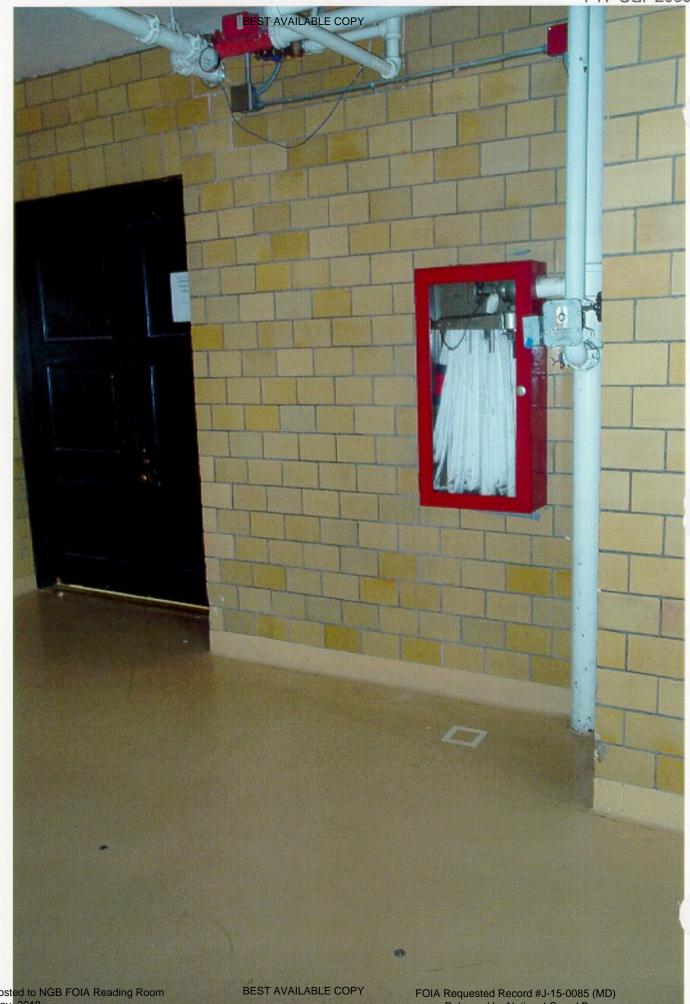
FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 633 of 5269



FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 634 of 5269

0935.JPG Unknown





FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 637 of 5269



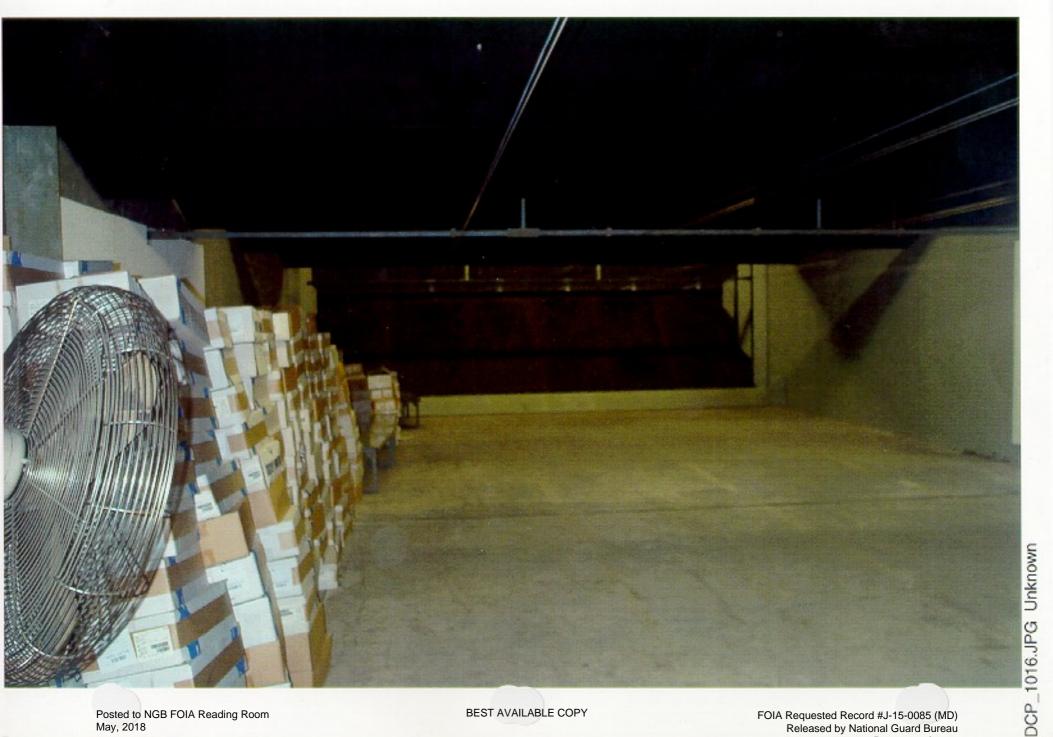






Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY



Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

## BEST AVAILABLE COPY

MDARNG Facilities IH Baseline Surveys,  $5^{\text{th}}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

## APPENDIX D

SAMPLING SHEETS AND LAB ANALYSES

|              | <u>.</u>       |             |                                                  | Indoor R                                          | enge       | nic.                                             |                                                        |                     |
|--------------|----------------|-------------|--------------------------------------------------|---------------------------------------------------|------------|--------------------------------------------------|--------------------------------------------------------|---------------------|
| Wge Sample S | Armory         | cate        | Action                                           | <del>• • • • • • • • • • • • • • • • • • • </del> | N/A        | Cleaned?                                         | Location of Samples                                    | Conc.<br>[ yoff*]   |
|              | <del> </del>   | <del></del> |                                                  | Yes                                               | <b>├</b>   | No .                                             |                                                        |                     |
|              | <del> </del>   | <del></del> |                                                  | <del> </del>                                      | ├          | ├                                                | · · · · · · · · · · · · · · · · · · ·                  |                     |
| 9R W01       | Batimore 561   | Battimore   | <del>-                                    </del> | ╁                                                 | ╁          | <del>                                     </del> | Counter of kitchen                                     | <110                |
| BR W02       | Saltimore 5th  | Betimore    | _                                                | † — — —                                           |            |                                                  | Floor near female latrine                              | <110                |
| BR W03       | Baltimore 5th  | Baltimore   |                                                  |                                                   |            |                                                  | Under bulletin board in hallway                        | 1600                |
| BR W04       | Bellimore 5th  | Вайтоги     |                                                  |                                                   |            | Ī                                                | Filing cabinet corner room 8                           | < 110               |
| BR W05       | Satismore 5th  | Ballimore   |                                                  |                                                   | Г          |                                                  | Floor under chairs Room 4                              | <i10< td=""></i10<> |
| BR W06       | Saltimore 5th  | Baltimore   |                                                  | 1                                                 |            |                                                  | Ledge in Directorate of Logistics office               | <110                |
| BR W07       | Saltimore 5th  | Batimore    |                                                  |                                                   |            |                                                  | Electrical box beside (up from) Room 30                | 190                 |
| BR W08       | Baltimore 5th  | Battimore   | <u> </u>                                         |                                                   |            |                                                  | Wall at entrance into elevator lobby from drill area   | <110                |
| BR W09       | Seitimore 5th  | Battimore   | +                                                | <del>                                     </del>  | -          | <del>                                     </del> | Windowsill in human resources office                   | 210                 |
| BR W10       | Saltimore 5th  | Bellimore   | <u> </u>                                         |                                                   |            |                                                  | Floor in stairwell of third floor near                 | <110                |
| <u> </u>     | 100000         | 1           | <del></del>                                      | <del> </del>                                      | ┢          | <del> </del>                                     | Floor near column outside Public Affairs               | 650                 |
| BR W11       | Battimore 5th  | Ballimore   |                                                  |                                                   | <u>L</u> . | <u> </u>                                         | Room 23                                                |                     |
| BR W12       | Satimore 5th   | Bellimore   |                                                  |                                                   |            |                                                  | Top of refrigerator in Plans, OPS and TNG office RM 15 | <110                |
| BR W13       | Saltimory 5th  | Ballimore   |                                                  |                                                   |            |                                                  | Step in scating area overlooking drill floor           | 190                 |
| BR W14       | Saltimore 5th  | Baltimore   |                                                  | †                                                 | t          | <del> </del>                                     | On top of fire hose box                                | 1500                |
| BR W15       | Saltimore 5th  | Battimore   |                                                  | <del>                                     </del>  | ⇈          | <del>                                     </del> | Cabinet in M-8                                         | <110                |
| BR W16       | Seltimore 5th  | Bellimore   |                                                  | 1                                                 | Ι          | · · · · · · · · · · · · · · · · · · ·            | Outside women's bathroom                               | <110                |
| BR W17       | Saltimore 5th  | Baltimore   |                                                  |                                                   |            |                                                  | Corner of bearn and wall by server box                 | <110                |
| BR W I 8     | Baltimore 5th  | Baltimore   |                                                  |                                                   |            |                                                  | By radiator in front of restroom                       | <110                |
| BR W19       | Seltimore 5th  | Bellimore   |                                                  | 1                                                 | <u> </u>   | 1                                                | Floor outside State HQ DET                             | 150                 |
| BR W20       |                |             |                                                  |                                                   |            |                                                  | Wall near door to hall from NG Honor<br>Guard office   | <110                |
| DN 1120      | Seltimore 5th  | Ballimore   | <del></del>                                      | ├                                                 | ⊢          | !                                                | 1                                                      | <110                |
| BR W21       | Saltimore Sth  | Bellimore   |                                                  |                                                   |            |                                                  | Floor near unit ministry team next to lockers          | <b>~1</b> 10        |
| BR W22       | Saltimore 5th  | Bellimore:  | <u> </u>                                         | 1                                                 | Γ          | Ī                                                | Wall near fire hose outside of Rm M23                  | <110                |
| BR W23       | Saltimore Sits | Bettimore   |                                                  |                                                   |            |                                                  | Floor outside Rm 25 (Fitness)                          | <110                |
| BR W24       | Baltimore 5th  | Bellimore   |                                                  |                                                   |            |                                                  | Top of box in Rm 20                                    | <110                |
| BR W25       | Saltimore 5th  | Beitimore   | 7                                                |                                                   |            |                                                  | Under fire extinguisher                                | <110                |



| BR W26 | Bellimore 5th  | Belimore    | By door D-29 (HQ STARC Supply<br>Room)                | <]10    |
|--------|----------------|-------------|-------------------------------------------------------|---------|
| BR W27 | Bellinore 5th  | Bellimore   | Under water fountain                                  | <110    |
| BR W28 | Seltimons 5th  | Baltimore   | Under fire hose by command historian's office         | <110    |
| BR W29 | Baltimore 5th  | Baltimore   | Step leading to second floor from Army Band Office    | 120     |
| BR W30 | Baltimore 5th  | Seltimore   | Floor under fire exits near vendor lobby              | <  10   |
| BR W31 | Ballimora 5th  | Battimore:  | Landing of spiral staircase near education office     | 14000   |
| BR W32 | Ballimore Sit: | Baltimore   | Window sill in education office. Citarella's office.  | 130     |
| BR W33 | Satimore Site  | Baltimore [ | Ammunition Room Table                                 | <110    |
| BR W34 | Battimore Stin | Baltimore   | Arnmunition Room Floor                                | 1400    |
| BR W35 | Beltimore 5th  | Baltimore   | Drill Floor Table surface                             | <110    |
| BR W36 | Battimore 5th  | Battimore   | Drill Floor Blue Recycling Bin                        | <110    |
| BR W37 | Baltimore 5th  | Batimore    | Drill Floor Entrance                                  | <110    |
| BR W38 | Baltimore 5th  | Battimore   | Drill Floor center of floor                           | <110    |
| BR W39 | Beltimore 5th: | Baltimore   | Drill Floor folding chairs                            | <110    |
| BR W40 | Beltimore Sth  | Baltimore   | Former Firing Range Backstop/ Baffle area             | 230000  |
| BR W41 | Baltimore 5th  | Baltimore   | Former Firing Range Trough/catchment area             | 4900000 |
| BR W42 | Baltimore Stir | Baltimore   | Former Firing Range Center of Floor                   | 37000   |
| BR W43 | Beltimore 5th  | Baltimore   | Former Firing Range Floor Entrance (Just inside door) | 440     |



## CERTIFICATE OF ANALYSIS



Page I of I

Client:

US Army - CHPPM

Job Name:

National Guard

Chain Of Custody:

116952

Address:

Attn: MCHB-TS-OFS, 5158 Blackhawk Road

Job Location:

Baltimore Fifth Regiment Armory

Date Analyzed:

10/10/2003

Aberdeen Proving Grounds, Maryland

Job Number: Not Provided Person Submitting:

21010-5403

P.O. Number:

Not Provided

Report Date:

10-Oct-03

Attention:

Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit |      | Final Result |                                       |      | Comments |  |  |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------------------|------|--------------|---------------------------------------|------|----------|--|--|
|                      |                         |               |             |                   |                     |                    |      |              | · · · · · · · · · · · · · · · · · · · |      |          |  |  |
| 0401855              | BRH2O 01                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L |              | 3.5                                   | ug/L |          |  |  |
| 0401856              | BRH2O 02                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L | <            | 1                                     | ug/L |          |  |  |
| 0401857              | BRH2O 03                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L |              | 1.5                                   | ug/L |          |  |  |
| 0401858              | BRH2O 04                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L | <            | 1                                     | ug/L |          |  |  |
| 0401859              | BRH2O 05                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L |              | 2.2                                   | ug/L |          |  |  |
| 0401860              | BRH2O 06                | Furnace       | Water       | ****              | N/A                 | 1.00               | ug/L |              | 3.4                                   | ug/L |          |  |  |
|                      |                         |               |             |                   |                     |                    |      |              |                                       |      |          |  |  |

Analysis Method for Flame: Air, Wipes, Paints, and Soll/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

Posted to NGB FOIA Reading Room

May, 2018

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories. this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved. AMA Analytical Services, Inc.







Page 1 of 3

Client:

National Guard Bureau

Job Name:

Baltimore-5R

Chain Of Custody:

116958

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Not Provided

Date Analyzed:

9/3/2003

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number:

Job Location:

Not Provided Not Provided

Person Submitting:

lon-Responsive

Attention:

May, 2018

Non-Responsive

Report Date:

03-Sep-03

**Summary of Atomic Absorption Analysis for Lead** 

| AMA Sample<br>Number<br>0366023 | Client Sample<br>Number<br>BRW 01 | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit |        | Final Result |      |        | Comments |
|---------------------------------|-----------------------------------|---------------|-------------|-------------------|---------------------|--------------------|--------|--------------|------|--------|----------|
|                                 |                                   | Flame         | Wipe        | ****              |                     | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366024                         | BRW 02                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366025                         | BRW 03                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |              | 1000 | ug/ft² |          |
| 0366026                         | BRW 04                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366027                         | BRW 05                            | Flame         | Wipe        | ***               | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366028                         | BR Blank 01                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366029                         | BR Blank 02                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366030                         | BR Blank 03                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366031                         | BR Blank 04                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366032                         | BR Blank 05                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366033                         | BR Blank 06                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366034                         | BR Blank 07                       | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <            | 12   | ug     |          |
| 0366035                         | BRW 06                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366036                         | BRW 07                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |              | 190  | ug/ft² |          |
| 0366037                         | BRW 08                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366038                         | BRW 09                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |              | 210  | ug/ft² |          |
| 0366039                         | BRW 10                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366040                         | BRW 11                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |              | 650  | ug/ft² |          |
| 0366041                         | BRW 12                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² | <            | 110  | ug/ft² |          |
| 0366042                         | BRW 13                            | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |              | 190  | ug/ft² |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polytical light respect to the samples and transmission electron microscopy of AHERASIT ANNIES. COPY







Client:

National Guard Bureau

Job Name:

Baltimore-5R

Chain Of Custody:

116958

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation Job Location:

Not Provided

Date Analyzed:

9/3/2003

Havre de Grace, Maryland 21078

Job Number:

Not Provided

Person Submitting:

Non-Responsive

P.O. Number:

Not Provided

Report Date:

03-Sep-03

Attention:

May, 2018



Page 2 of 3

### Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |        | orting<br>imit |   | Final Res | ult    | Comments |  |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------|----------------|---|-----------|--------|----------|--|
| 0366043              | BRW 14                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         |   | 1500      | ug/ft² |          |  |
| 0366044              | BRW 15                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366045              | BRW 16                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366046              | BRW 17                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366047              | BRW 18                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366048              | BRW 19                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         |   | 150       | ug/ft² |          |  |
| 0366049              | BRW 20                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366050              | BRW 21                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366051              | BRW 22                  | Flame         | Wipe        | ***               | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366052              | BRW 23                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366053              | BRW 24                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366054              | BRW 25                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366055              | BRW 26                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366056              | BRW 27                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366057              | BRW 28                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366058              | BRW 29                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         |   | 120       | ug/ft² |          |  |
| 0366059              | BRW 30                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         | < | 110       | ug/ft² |          |  |
| 0366060              | BRW 31                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         |   | 14000     | ug/ft² |          |  |
| 0366061              | BRW 32                  | Flame         | Wipe        | ****              | 0.108               | 111.52 | ug/ft²         |   | 130       | ug/ft² |          |  |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light representation applies and transmission electron microscopy of AHERASIT ANNIONALE COPY

FOIA Requester interpretation and transmission electron microscopy of AHERASIT ANNIONALE COPY







Page 1 of 1

Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

116957

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

Job Location:

Not Provided

Date Analyzed:

09/03/2003

State Military Reservation

Job Number:

P.O. Number:

Not Provided Not Provided

**Person Submitting:** 

Attention:

Report Date:

03-Sep-03

### **Summary of Atomic Absorption Analysis for Lead**

| AMA Sample<br>Number | Client Sample<br>Number | •     | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>. (ft²) | -   | orting<br>imit |        | Final Resu | ilt | Comments |
|----------------------|-------------------------|-------|---------------|-------------|-------------------|-----------------------|-----|----------------|--------|------------|-----|----------|
| 0366018              | BR Bulk 01              | Flame | Paint Chip    | ****        | N/A               | 0.01                  | %Pb |                | 0.14   | %Pb        |     |          |
| 0366019              | BR Bulk 02              | Flame | Paint Chip    | ****        | N/A               | 0.01                  | %Pb |                | 0.72   | %Pb        |     |          |
| 0366020              | BR Bulk 03              | Flame | Paint Chip    | ****        | N/A               | 0.01                  | %Pb |                | 0.16   | %Pb        |     |          |
| 0366021              | BR Bulk 04              | Flame | Paint Chip    | ****        | N/A               | 0.01                  | %Pb | <              | 0.0097 | %Pb        |     |          |
| 0366022              | BR Bulk 05              | Flame | Paint Chip    | ****        | N/A               | 0.01                  | %Pb | <              | 0.01   | %Pb        |     |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Analys

ug = micrograms

ug/L = parts per billion (ppb)

%Pb = percent lead by weight

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation applies only to provided light compression relative and transmission electron microscopy of AHERAS and MAILABLE COPY FOIA Requested nights reserved Analytical Services, Inc.







Page 3 of 3

Client:

National Guard Bureau

Job Name:

Baltimore-5R

Chain Of Custody:

116958

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Analyzed:

9/3/2003

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Attention:

Not Provided

Report Date:

03-Sep-03

**Summary of Atomic Absorption Analysis for Lead** 

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume (L)

Area Wiped (ft²)

Reporting Limit

Final Result

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

May, 2018

ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

Analyst

Technical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to published light to prospared to the same and transmission electron microscopy of AHBRAST AMALLABLE COPY FOIA Requestelly represented AND AND Trical Services, Inc.





### CERTIFICATE OF ANALYSIS



Page 3 of 3

Client:

National Guard Bureau

Job Name:

Baltimore-5R

Chain Of Custody:

116958

Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation

Job Location:

Not Provided

Date Analyzed:

9/3/2003

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided

Person Submitting:

Attention:

Not Provided

Report Date:

03-Sep-03

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume (L)

Area Wiped (ft²)

Reporting Limit

Final Result

Comments

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Analyst:

%Pb = percent lead by weight

ug = micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

Technical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved. AMA Analytical Services, Inc.





### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

116957

Address:

301-IH Old Bay Lane, Atm: NGB-AVN-SI,

Job Location:

Not Provided

Date Analyzed:

09/03/2003

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided Not Provided

**Person Submitting:** 

Attention:

Report Date:

03-Sep-03

Page I of I

### Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |      |     | Reporting |        | Reporting |  |  | Final Resu |  | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|------|-----|-----------|--------|-----------|--|--|------------|--|----------|
|                      |                         |               |             |                   |                     |      |     |           |        |           |  |  |            |  |          |
| 0366018              | BR Bulk 01              | Flame         | Paint Chip  | ****              | N/A                 | 0.01 | %Pb |           | 0.14   | %РЪ       |  |  |            |  |          |
| 0366019              | BR Bulk 02              | Flame         | Paint Chip  | ****              | N/A                 | 0.01 | %Pb |           | 0.72   | %Pb       |  |  |            |  |          |
| 0366020              | BR Bulk 03              | Flame         | Paint Chip  | ****              | N/A                 | 0.01 | %Pb |           | 0.16   | %Pb       |  |  |            |  |          |
| 0366021              | BR Bulk 04              | Flame         | Paint Chip  | ****              | N/A                 | 0.01 | %Pb | <         | 0.0097 | %Pb       |  |  |            |  |          |
| 0366022              | BR Bulk 05              | Flame         | Paint Chip  | ****              | N/A                 | 0.01 | %Pb | <         | 0.01   | %Pb       |  |  |            |  |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

on-Responsive Analy echnical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved. AMA Analytical Services, Inc.







Client: Address: US Army - CHPPM

Attn: MCHB-TS-OFS, 5158 Blackhawk Road

Aberdeen Proving Grounds, Maryland

21010-5403

Job Name:

Job Location:

Job Number:

P.O. Number:

Baltimore SR

Not Provided

Not Provided

Not Provided

Chain Of Custody:

117738

Date Analyzed:

09/17/2003

Person Submitting:

Report Date:

17-Sep-03

Attention:



Page I of 2

## **Summary of Atomic Absorption Analysis for Lead**

| AMA Sample<br>Number                     | Client Sample<br>Number                  | Client Sample                                                                             | Analysis Type                                                   | Sample Type              | Air Volume<br>(L)                       | Area Wiped (ft²)                                                                             | Repo<br>Li                                                  | orting                                | FI                                                           | nal Res                                                           |  | Comments |
|------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|--|----------|
|                                          |                                          | Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame | Air Blank Air Blank Air Blank Air Blank Air Air Air Air Air Air |                          | N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A | 3.00<br>3.00<br>3.00<br>3.00<br>5.75<br>5.83<br>6.13<br>6.07<br>6.49<br>7.77<br>6.76<br>6.02 | n8/m, n8/m, n8/m, n8/m, n8/m, n8/m, n8/m, n8/m, n8/m,       | < < < < < < < < < < < < < < < < < < < | 3<br>3<br>3<br>5.7<br>5.8<br>6.1<br>6.1<br>6.5<br>7.8<br>6.8 | n8/ш,<br>n8/ш,<br>n8/ш,<br>n8/ш,<br>n8/ш,<br>n8/ш,<br>n8/ш,<br>n8 |  |          |
| 0368020<br>0368021<br>0368022<br>0368023 | BRA S09<br>BRA S10<br>BRA S11<br>BRA S12 | Flame<br>Flame<br>Flame<br>Flame                                                          | Air<br>Air<br>Air<br>Air                                        | 504<br>484<br>507<br>495 | N/A<br>N/A<br>N/A<br>N/A                | 5.95<br>6.20<br>5.92<br>6.06                                                                 | n8/w <sub>3</sub><br>n8/w <sub>3</sub><br>n8/w <sub>3</sub> | <<br><<br><                           | 6<br>6.2<br>5.9<br>6.1                                       | ng/ur,<br>ng/ur,<br>ng/ur,<br>ng/ur,                              |  |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples.



### CERTIFICATE OF ANALYSIS



Client:

US Army - CHPPM

Job Name:

Baltimore SR

Chain Of Custody:

117738

Address:

Attn: MCHB-TS-OFS, 5158 Blackhawk Road

Job Location:

Not Provided

Date Analyzed:

09/17/2003

Aberdeen Proving Grounds, Maryland 21010-5403

Job Number:

Not Provided

Person Submitting:

P.O. Number:

Not Provided

Report Date:

17-Sep-03

Attention:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Number

(L)

(ft²)

Limit

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable %Pb = percent lead by weight

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

on-Responsiv Analy

hnical Manager:



This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation All rights reserved. AMA Analytical Services, Inc. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples.

### BEST AVAILABLE COPY

MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

APPENDIX E

**REFERENCES** 

### APPENDIX E

### **REGULATIONS AND STANDARDS**

- 1. Title 29, Code of Federal Regulations (CFR), Part 1910, Occupational Safety and Health Administration, current ed. <a href="http://www.osha.gov/comp-links.html">http://www.osha.gov/comp-links.html</a>.
- 2. Department of Defense Instruction (DODI) 6055.1, Department of Defense Occupational Safety and Health (OSH) Program, August 19, 1998. http://www.dtic.mil/whs/directives/corres/pdf/i60551\_081998/i60551p.pdf.
- 3. AR 40-5, Medical Service, Preventive Medicine, 15 October 1990. <a href="http://www.usapa.army.mil/pdffiles/r40">http://www.usapa.army.mil/pdffiles/r40</a> 5.pdf.
- 4. AR 385-10, The Army Safety Program, 29 February 2000. http://www.usapa.army.mil/pdffiles/r385\_10.pdf.
- 5. DA PAM 40-503, Medical Services, Industrial Hygiene Program, 30 October 2000. http://www.usapa.army.mil/pdffiles/p40 503.pdf.
- 6. Threshold Limit Values (TLVs) and Biological Exposure Indices (BEIs), American Conference of Governmental Industrial Hygienists (ACGIH), current ed.
- 7. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) 62-2002, Ventilation for Acceptable Indoor Air Quality.
- 8. RP-1-1993, Office Lighting, ANSI/ESNA.

### BEST AVAILABLE COPY

MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

### APPENDIX F

LEAD CLEANING GUIDANCE





# CHAPTER 14: CLEANING

| Ste | ep-by-Step Summary                                           | 14–3  |
|-----|--------------------------------------------------------------|-------|
| l.  | Introduction                                                 | 14–5  |
|     | A. Performance Standard                                      | 14–5  |
|     | B. Small Dust Particles                                      | 14–5  |
|     | C. Difficulties in Cleaning                                  | 14–5  |
|     | Low Clearance Standards                                      | 14–5  |
|     | 2. Worker Inexperience                                       | 14–6  |
|     | 3. High Dust-Producing Methods and/or Inadequate Containment | 14–6  |
|     | 4. Deadlines                                                 | 14–6  |
| II. | Coordination of Cleaning Activities                          | 14–6  |
|     | A. Checklist                                                 | 14–6  |
|     | B. Equipment Needed for Cleaning                             | 14–6  |
|     | C. Waste Disposal                                            | 14–7  |
| Ш.  | Cleaning Methods and Procedures                              | 14–7  |
|     | A. Containment                                               | 14–7  |
|     | B. Basic Cleaning Methods: Wet Wash and Vacuum               |       |
|     | Cleaning Techniques                                          |       |
|     | 1. HEPA Vacuuming                                            |       |
|     | 2. Wet-Detergent Wash                                        |       |
|     | 3. The HEPA/Wet Wash/HEPA Cycle                              |       |
|     | 4. Sealing Floors                                            | 14–16 |
| IV. | Order of Cleaning Procedures During Lead Hazard Contr        |       |
|     | A. Precleaning Procedures                                    | 14–16 |
|     | B. Ongoing Cleaning During the Job                           | 14–18 |
|     | C. Daily Cleaning Procedures                                 | 14–18 |
|     | 1. Large Debris                                              | 14–18 |
|     | 2. Small Debris                                              | 14–18 |
|     | 3. Exterior Cleaning                                         | 14–18 |
|     | 4. Worker Protection Measures                                | 14–19 |
|     | 5. Maintaining Containment                                   | 14–19 |





| V.  |     | der of Final Cleaning Procedures After ad Hazard Control | 14 10 |
|-----|-----|----------------------------------------------------------|-------|
|     | Lea | ad Hazard Control                                        | 14-19 |
|     | Α.  | Final Cleaning                                           | 14–19 |
|     |     | 1. Decontamination of Workers, Supplies, and Equipment   | 14-19 |
|     | B.  | Preliminary Visual Examination                           | 14-20 |
|     | C.  | Surface Painting or Sealing of Nonfloor Surfaces         | 14-20 |
|     | D.  | Final Inspection                                         | 14-20 |
|     | E.  | Recleaning After Clearance Failure                       | 14-20 |
| VI. | Cle | eaning Cost Considerations                               | 14–21 |
|     | Α.  | Initial Clearance Test Failure Rates                     | 14-21 |
|     | B.  | Key Factors In Effective Cleaning                        | 14-21 |
|     | C.  | Special Problems                                         | 14–21 |
| VII | . A | Iternative Methods                                       | 14-22 |
|     | Α.  | Vacuums                                                  | 14-22 |
|     | R   | Trisadium Phosphata and Other Detergents                 | 1/ 22 |



### Step-by-Step Summary



# Cleaning: How To Do It

- Include step-by-step procedures for precleaning, cleaning during the job, and daily and final cleanings in project design or specifications.
- 2. Assign responsibilities to specific workers for cleaning and for maintaining cleaning equipment.
- 3. Have sufficient cleaning equipment and supplies before beginning work.
- 4. If contamination is extensive, conduct precleaning of the dwelling unit. Move or cover all furniture and other objects.
- Conduct ongoing cleaning during the job, including regular removal of large and small debris and dust.
   Decontamination of all tools, equipment, and worker protection gear is required before it leaves containment areas. Electrical equipment should be wiped and high-efficiency particulate air (HEPA) vacuumed, not wetted down, to minimize electrocution hazards.
- 6. Schedule sufficient time (usually 30 minutes to an hour) for a complete daily cleaning, starting at the same time near the end of each workday after lead hazard control activity has ceased.
- For final cleaning, wait at least 1 hour after active lead hazard control activity has ceased to let dust particles settle.
- Use a vacuum cleaner equipped with a HEPA exhaust filter. HEPA vacuum all surfaces in the room (ceilings, walls, trim, and floors). Start with the ceiling and work down, moving toward the entry door. Completely clean each room before moving on.
- Wash all surfaces with a lead-specific detergent, high-phosphate detergent, or other suitable cleaning agent to dislodge any ground-in contamination, then rinse. Change the cleaning solution after every room is cleaned.
- 10. Repeat step 8. To meet clearance standards consistently, a HEPA vacuum, wet wash, and HEPA vacuum cycle is recommended. For interim control projects involving dust removal only, the final HEPA vacuuming step is usually not needed (see Chapter 11). Other cleaning methods are acceptable, as long as clearance criteria are met and workers are not overexposed.
- 11. After final cleaning, perform a visual examination to ensure that all surfaces requiring lead hazard control have been addressed and all visible dust and debris have been removed. Record findings and correct any incomplete work. This visual examination should be performed by the owner or an owner's representative who is independent of the lead hazard control contractor.
- 12. If other construction work will disturb the lead-based paint surfaces, it should be completed at this point. If those surfaces are disturbed, repeat the final cleaning step after the other construction work has been completed.
- 13. Paint or otherwise seal treated surfaces and interior floors.
- 14. Conduct a clearance examination (see Chapter 15).
- 15. If clearance is not achieved, repeat the final cleaning.



### -Step-by-Step Summary (continued) -



- 16. Continue clearance testing and repeated cleaning until the dwelling achieves compliance with all clearance standards. As an incentive to conduct ongoing cleaning and a thorough final cleaning, the cost of repeated cleaning after failing to achieve clearance should be borne by the contractor as a matter of the job specification, not the owner.
- 17. Do not allow residents to enter the work area until cleaning is completed and clearance is established.
- 18. Cleaning equipment list:
  - ♦ HEPA vacuums.
  - Detergent.
  - ♦ Waterproof gloves.
  - Rags.
  - Sponges.
  - Mops.
  - Buckets.
  - ♦ HEPA vacuum attachments (crevice tools, beater bar for cleaning rugs).
  - 6-mil plastic bags.
  - Debris containers.
  - Waste water containers.
  - Shovels.
  - Rakes.
  - Water-misting sprayers.
  - 6-mil polyethylene sheeting (or equivalent).





### I. Introduction

This chapter describes cleaning procedures to be employed following abatement and interim control work. Dust removal as an interim control measure is covered in Chapter 11.

All lead hazard control activities can produce dangerous quantities of leaded dust. Unless this dust is properly removed, a dwelling unit will be more hazardous after the work is completed than it was originally. Once deposited, leaded dust is difficult to clean effectively. Whenever possible, ongoing and daily cleaning of leaded dust during lead hazard control projects is recommended. Ongoing and daily cleaning is also necessary to minimize worker exposures.

Cleaning is the process of removing visible debris and dust particles too small to be seen by the naked eye. Removal of lead-based paint hazards in a dwelling unit will not make the unit safe unless excessive levels of leaded dust are also removed. This is true regardless of whether the dust was present before or generated by the lead hazard control process itself. Improper cleaning can increase the cost of a project considerably because additional cleaning and clearance sampling will be necessary. However, cleaning and clearance can be achieved routinely if care and diligence are exercised.

### A. Performance Standard

Although the cleaning methods described in this chapter are feasible and have been shown to be effective in meeting clearance standards, other methods may also be used if they are safe and effective. This performance-oriented approach should stimulate innovation, reduce cost, and ensure safe conditions for both residents and workers.

### B. Small Dust Particles

Dust particles that are invisible to the naked eye remain on surfaces after ordinary cleaning procedures. A visibly clean surface may contain high and unacceptable levels of dust particles and require special cleaning procedures.

### C. Difficulties in Cleaning

While cleaning is an integral and essential component of any lead hazard control activity, it is also the most likely part of the activity to fail.

Several common reasons for this failure include low clearance standards, worker inexperience, high dust-producing methods, and deadlines.

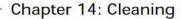
### 1. Low Clearance Standards

Because very small particles of leaded dust are easily absorbed by the body when ingested or inhaled, a small amount can create a health hazard for young children. Therefore, "clearance standards" are extremely low for acceptable levels of leaded dust particles on surfaces after hazard control activities, and careful cleaning procedures are required. Although it is not possible to remove all leaded dust from a dwelling, it is possible to reduce it to a safe level.

Clearance standards are described more fully in Chapter 15. The permissible amount of leaded dust remaining on each of the following surfaces following lead hazard work is as follows:

- 100 μg/ft² on floors.
- 500 µg/ft² on interior window sills (stools).
- 800 μg/ft² on window troughs (the area where the sash sits when closed).
- 800 μg/ft² on exterior concrete.

These levels are based on wipe sampling.
Clearance testing determines whether the premises or area are clean enough to be reoccupied after the completion of a lead paint hazard control project. A cleaned area may not be reoccupied until compliance with clearance standards has been established. To prevent delays, final testing and final cleaning activities should be coordinated.







### 2. Worker Inexperience

To understand the level of cleanliness required to meet the established clearance standards for hazard control cleanup, new hazard control personnel often require a significant reorientation to cleaning. Many construction workers are used to cleaning up only dust that they can see, not the invisible dust particles that are also important to remove.

# 3. High Dust-Producing Methods and/or Inadequate Containment

High dust-generating methods, inadequate containment during hazard control work, and poor work practices can all make achievement of clearance particularly difficult. Work practices necessary to prevent spreading of dust throughout a dwelling (e.g., by tracking dust out of work areas) are essential but sometimes tedious. Essential work practices are sometimes mistakenly considered to be "flexible guidelines" rather than necessary standards that are designed to ensure that the job is completed, not only safely, but also on time and within budget.

### 4. Deadlines

Daily and final cleanings have sometimes been compromised due to project deadlines, since cleaning comes at the end of the job. Hurried efforts often result in clearance failure. Delayed and over-budget hazard control projects are often the result of repeated, unplanned recleanings that are necessitated by inadequate containment and sloppy work practices.

### II. Coordination of Cleaning Activities

### A. Checklist

The owner or contractor may use the following cleaning checklist before any lead hazard control activity:

- ✓ Is the critical importance of cleaning in a hazard control project understood?
- ✓ Have all workers been trained and certified for hazard control work?

- ✓ Have the precleaning, daily, and final cleanings been scheduled properly and coordinated with the other participants in the hazard control process?
- ✓ Have cleaning equipment and materials been obtained?
- ✓ Do the workers know how to operate and maintain special cleaning equipment, and do they have directions for the proper use of all cleaning materials?
- ✓ Have all workers carefully studied the step-by-step procedures for precleaning (if needed), in-progress cleaning, and daily and final cleanings?
- ✓ Are all workers properly protected during the cleaning processes (see Chapter9)?
- ✓ Have provisions been made to properly contain and store potentially hazardous debris (see Chapter 10)?
- ✓ Have dust-clearance testing and related visual inspections been arranged (see Chapter 15)?
- ✓ Are the clearance criteria to be met fully understood?
- ✓ Have all appropriate surfaces been properly painted or otherwise sealed?
- ✓ Have appropriate records been maintained that document participants' roles in the hazard control project?

### B. Equipment Needed for Cleaning

The following equipment is needed to conduct cleaning: high-efficiency particulate air (HEPA) vacuums and attachments (crevice tools, beater bar for cleaning rugs), detergent, waterproof gloves, rags, sponges, mops, buckets, 6-mil plastic bags, debris containers, waste water containers, shovels, rakes, water-misting sprayers, and 6-mil polyethylene plastic sheeting (or equivalent).



### C. Waste Disposal

Regulations governing hazardous and nonhazardous waste storage, transportation, and disposal affect both the daily and final cleaning procedures. The hazard control contractor and the disposal contractor should work together to establish formal written procedures, specifying selected containers, storage areas, and debris pickups, to ensure that all relevant regulations are met.

# III. Cleaning Methods and Procedures

Many of the special cleaning methods and procedures detailed in this chapter are not standard operating procedure for general home improvement contractors. Therefore, project designers, responsible agencies, or owners must ensure that contractors follow the methods and procedures recommended herein or specially designed alternative procedures, even though some may appear to be redundant and unnecessary. These methods have been shown to be feasible and effective in many situations and skipping steps in the cleaning procedures can be counterproductive.

### A. Containment

Because of the difficulty involved in the removal of fine dust, dust generated by hazard control work should be contained to the extent possible to the inside of work areas. Inadequately constructed or maintained containment or poor work practices will result in additional cleaning efforts, due to dust that has leaked out or been tracked out of the work area (see Chapter 8).

### B. Basic Cleaning Methods: Wet Wash and Vacuum Cleaning Techniques

Because leaded dust adheres tenaciously, especially to such rough or porous materials as weathered or worn wood surfaces and masonry surfaces (particularly concrete), workers should be trained in cleaning methods. As a motivator,

some contractors have awarded bonuses to workers who pass clearance the first time.

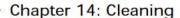
Two basic cleaning methods have proven effective, when used concurrently, in lead-based paint hazard control projects: a special vacuum cleaner equipped with a HEPA exhaust filter, followed by wet washing with special cleaning agents and rinsing, followed by a final pass with the HEPA vacuum.

Although HEPA filtered vacuums and triso-dium phosphate (TSP) cleaners have been considered the standard cleaning tools for lead hazard control projects, new research, discussed under the "Alternatives Methods" section in this chapter, suggests that other tools and products may also be effective in efficiently cleaning dust while providing adequate worker protection from airborne exposure risks. Some of these innovations may even be superior.

### 1. HEPA Vacuuming

HEPA vacuums differ from conventional vacuums in that they contain high-efficiency filters that are capable of trapping extremely small, micron-sized particles. These filters can remove particles of 0.3 microns or greater from air at 99.97 percent efficiency or greater. (A micron is 1 millionth of a meter, or about 0.00004 inches.) Some vacuums are equipped with an ultra-low penetration air (ULPA) filter that is capable of filtering out particles of 0.13 microns or greater at 99.9995 percent efficiency. However, these ULPA filters are slightly more expensive, and may be less available than HEPA filters.

Vacuuming with conventional vacuum machines is unlikely to be effective, because much of the fine dust will be exhausted back into the environment where it can settle on surfaces. A recent Canadian study revealed that finedust air levels were exceedingly high when a standard portable vacuum with a new bag was used, although partially filled bags were found to be more efficient (CMHC, 1992). Considerations for the proper use of a HEPA vacuum are listed below.







### Operating Instructions

There are a numerous manufacturers of HEPA vacuums. Although all HEPA vacuums operate on the same general principle, they may vary considerably with respect to specific procedures, such as how to change the filters. To ensure the proper use of equipment, the manufacturer's operating instructions should be carefully followed and if possible, training sessions arranged with the manufacturer's representative.

Although HEPA vacuums have the same "suction" capacity as ordinary vacuums that are comparably sized, their filters are more efficient. Improper cleaning or changing of HEPA filters may reduce the vacuum's suction capability.

### Special Attachments

Because the HEPA vacuum will be used to vacuum surfaces other than floors, operators should buy attachments and appropriate tool kits for use on different surfaces—such as brushes of various sizes, crevice tools, and angular tools.

### Selecting Appropriate Size(s)

HEPA vacuums are available in numerous sizes, ranging from a small lunchbucket-sized unit to track-mounted systems. Two criteria for size selection are the size of the job and the type of electrical power available. Manufacturer recommendations should be followed.

### Wet-Dry HEPA Vacuums

Some hazard control contractors have found the wet-dry HEPA vacuums to be particularly effective in meeting clearance standards. These vacuums are equipped with a special shut-off float switch to protect the electrical motor from water contact.

### Prefilters

HEPA filters are usually used in conjunction with a prefilter or series of prefilters that trap the bulk of the dust in the exhaust airstream, particularly the larger particles. The HEPA filter traps most of the remaining small particles that have passed through the prefilter(s). All filters must be maintained and replaced or

cleaned as specified in the manufacturer's instructions. Failure to do so may cause a reduction in suction power (thus reducing the vacuum's efficiency and effectiveness). Failure to change prefilters may damage the vacuum motor and will also shorten the service life of the HEPA filter, which is far more expensive than the prefilters.

### **HEPA Vacuuming Procedures**

Surfaces frequently vacuumed include ceilings, walls, floors, windows, interior and exterior sills, doors, heating, ventilation, and air conditioning (HVAC) equipment (heating diffusers, radiators, pipes, vents), fixtures of any kind (light, bathroom, kitchen), built-in cabinets, and appliances.

To aid in dislodging and collecting deep dust and lead from carpets, the HEPA vacuum must be equipped with a beater bar (agitator head) that is fixed to the cleaning head. This bar should be used on all passes on the carpet face during dry vacuuming (see Chapter 11 for details on carpet and furniture cleaning).

All rooms and surfaces should be included in the HEPA vacuum process, except for those that (1) were found not to have lead-paint hazards and were properly separated from work areas before the process began (see Chapter 8), or (2) were never entered during the process. Porches, sidewalks, driveways, and other exterior surfaces should be vacuumed if exterior hazard control work was conducted, or if debris was stored or dropped outside. Vacuuming should begin on the ceilings and end on the floors, sequenced to avoid passing through rooms already cleaned, with the dwellings' entryway cleaned last.

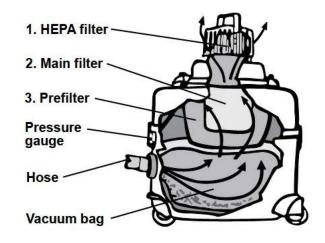
### Emptying the HEPA Vacuum

Used filters and vacuumed debris are potentially hazardous waste and should be treated accordingly (see Chapter10). Therefore, operators should use extreme caution when opening the HEPA vacuum for filter replacement or debris removal to avoid accidental release of accumulated dust into the environment. This may occur, for example, if the vacuum's seal has been broken and the vacuum's bag is disturbed.





Figure 14.1a Vacuum With a HEPA Filter.



### Parts of a HEPA-vacuum

Most HEPA-vacuums have three filters: HEPA filter, main filter, and prefilter. Debris gets sucked in through the hose into the vacuum bag. The air and dust get filtered through the prefilter, the main filter, and the HEPA filter. The HEPA filter captures the lead dust before the air is released into the work area again.

Operators should also wear a full set of protective clothing and equipment, including appropriate respirators, when performing this maintenance function, which should be done in the containment area or offsite.

### 2. Wet Detergent Wash

Several types of detergents have been used to remove leaded dust. Those with a highphosphate content (containing at least 5 percent trisodium phosphate, also known as TSP) have been found to be effective when used as part of the final cleaning process (Milar, 1982). TSP detergents are thought to work by coating the surface of dusts with phosphate or polyphosphate groups which reduces electrostatic interactions with other surfaces and thereby permits easier removal. Because of environmental concerns some States have restricted the use of TSP, and some manufacturers have eliminated phosphates from their household detergents. However, high-TSP detergents can usually be found in hardware stores and may be permitted for limited use, such as lead hazard control.

Other non-TSP cleaning agents developed specifically for removing leaded dust have also been found to be effective (possibly more effective than TSP) in limited trials by several



Pressure gauge

Figure 14.1b Pressure Gauge Indicator Shows When Filters Require Changing.





Figure 14.2 HEPA Vacuum Sizes and Tools.

investigators (Grawe, 1993; Wilson, 1993) and may also be safer, since TSP is a skin and eye irritant. See section VII for more information on non-TSP detergents. Proper procedures for using high-phosphate detergents also apply to most other types of detergents and include the following steps:

### Manufacturer's Dilution Instructions

Users of cleaning agents for leaded dust removal should follow manufacturer's instructions for the proper use of a product, especially the recommended dilution ratio. Even diluted, trisodium phosphate is a skin irritant and users should wear waterproof gloves. Eye protection should also be worn, and portable eyewash facilities should be located in or very near the work area. Consult manufacturer's directions for the use of other detergents.

### Appropriate Cleaning Equipment

Because a detergent may be used to clean leaded dust from a variety of surfaces, several types of application equipment are needed, including cleaning solution spray bottles, wringer buckets, mops, variously sized hand sponges, brushes, and rags. Using the proper equipment on each surface is essential to the quality of the wetwash process.

### Proper Wet-Cleaning Procedures

At the conclusion of the active lead hazard control process and the initial HEPA vacuuming, all vacuumed surfaces should be thoroughly and completely washed with a high-phosphate solution or other lead-specific cleaning agent (or equivalent) and rinsed. Select a detergent that does not damage existing surface finishes (TSP may damage some finishes). Work should proceed from ceilings to floors and sequenced to avoid passing through rooms already cleaned.

### Changing Cleaning Mixture

Many manufacturers of cleaners will indicate the surface area that their cleaning mixture will cover. To avoid recontaminating an area by cleaning it with dirty water, users should follow manufacturer-specified surface-area limits. However, regardless of manufacturers' recommendations, the cleaning mixture should be changed after its use for each room. As a rule of thumb, 5 gallons should be used to clean no





Figure 14.3 Goggles, Face Shields, Gloves, and Eye Wash Facilities Should Be Available When Used With Chemicals Such as TSP. EMERGENCY EYE WASH STATION Latex Neoprene Nitrile

more than 1,000 square feet. Used cleaning mixture is potentially hazardous waste (see Chapter 10); consult with your local water and sewage utility for directions on its proper disposal. Wash water should never be poured onto the ground. The wash water is usually filtered and then poured down a toilet (if the local water authority approves).

### 3. The HEPA/Wet Wash/HEPA Cycle

### Typical Procedures

The usual cleaning cycle that follows lead hazard control activities is called the HEPA vacuum/wet wash/HEPA cycle and is applied to an entire affected area as follows:

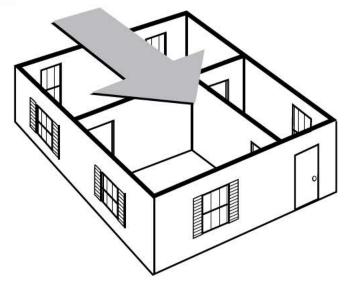
First, the area is HEPA vacuumed.



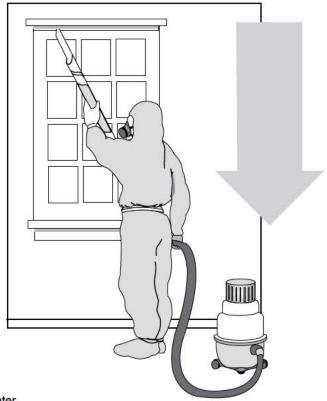


Figure 14.4a The HEPA Vacuum, Wet Wash, HEPA Vacuum Cycle Helps in Meeting Clearance Standards.

### **HEPA** vacuum all surfaces Start at the end farthest from the main entrance/exit. As you vacuum, move towards the main exit and finish there.



Begin at the top of each room and work down. For example, start with the top shelves, the top of the woodwork, and so on, and work down to the floor. Do every inch of the windows, especially the window troughs.



Courtesy: Alice Hamilton Occupational Health Center





- Next, the area is washed down.
- After drying, the area is again HEPA vacuumed.

The rationale for this three-pass system is as follows:

- The first HEPA vacuum removes as much dust and remaining debris as possible.
- The wet wash further dislodges dust from surfaces.
- The final HEPA cycle removes any remaining particles dislodged but not removed by the wet wash.

### Single-Pass Wet Wash/HEPA Vacuum

Some lead hazard control contractors have found HEPA spray cleaner vacuums to be a cost-effective alternative to the three-pass system. Similar to home carpet-cleaning machines, these vacuums simultaneously deliver a solution to the surface and recover the dirty solution. Theoretically, this process combines two of the steps in the HEPA vacuum/wet wash/HEPA cycle into one step. While anecdotal evidence indicates that the spray cleaner wet wash/HEPA is effective for some uses, limitations have been noted in its use for ceilings, vertical surfaces, and hard to reach areas. This device may be used as long as clearance standards are met.

### Figure 14.4b (continued)

### Use special attachments

Use the rubber cone where the floor meets the baseboard and along all the cracks in the floor boards. Use the brush tool for walls and woodwork.

Use the wheeled floor nozzle for bare floors and the carpet beater for rugs.

### Move slowly

Vacuum slowly so the HEPA vacuum can pick up all the lead dust.



**Rubber Cone** 

**Dust Brush** 



**Powered Carpet Beater** 



Wheeled Floor Nozzle





Figure 14.4c (continued)

### Wash all surfaces with suitable detergents

Wash all surfaces in the work area with suitable detergents, including areas that had been covered with plastic. Some wallpaper should only be HEPA vacuumed, since it may be damaged by the detergent.



**Wipe All Surfaces** 

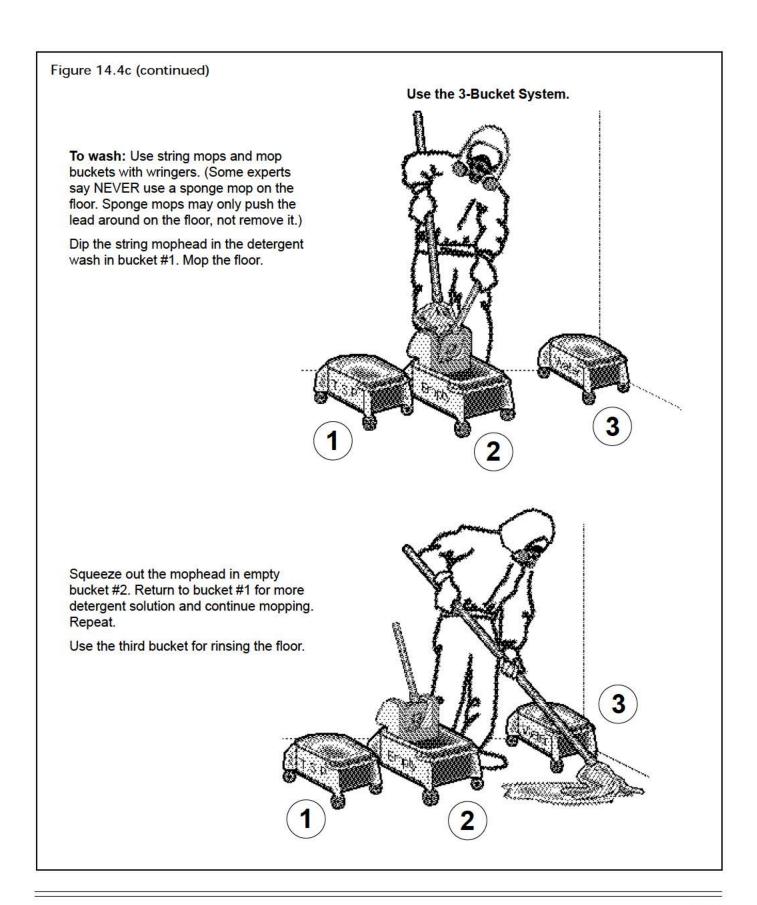


**Wet Mop Floor** 



**Don't Dry Sweep** 





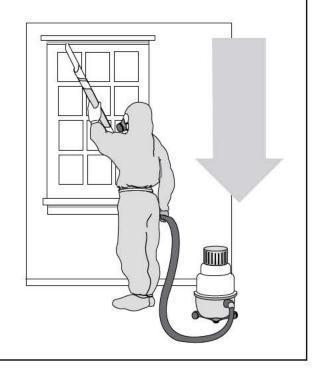




### Figure 14.4d (continued)

**HEPA vacuum all surfaces a final time** HEPA vacuum *all surfaces* in the work area, including areas that had been covered with plastic.

Starting at the far end, work towards the decontamination area. Begin with ceilings or the top of the walls and work down, cleaning the floors last. Do every inch of the windows, especially the troughs. Use the corner tool to clean where the floor meets the baseboard and all the cracks in the floor boards. Use the brush tool for the walls. Move slowly and carefully to get all the dust.



### 4. Sealing Floors

Before clearance, all floors without an intact, nonporous coating should be coated. Sealed surfaces are easier for residents to clean and maintain over time than those that are not sealed. Wooden floors should be sealed with a clear polyurethane or painted with deck enamel or durable paint. Vinyl tile, linoleum, and other similar floors should be sealed with an appropriate wax. Concrete floors should be sealed with a concrete sealer or other type of concrete deck enamel. However, if these floors are already covered by an effective coat of sealant, it may be possible to skip this step.

As an alternative to sealing, floors may be covered with new vinyl tile, sheet vinyl, linoleum flooring, or the equivalent to create a more permanent cleanable surface. New surfaces should be cleaned with a cleaning solution that is appropriate for that type of surface.

### IV. Order of Cleaning Procedures During Lead Hazard Control

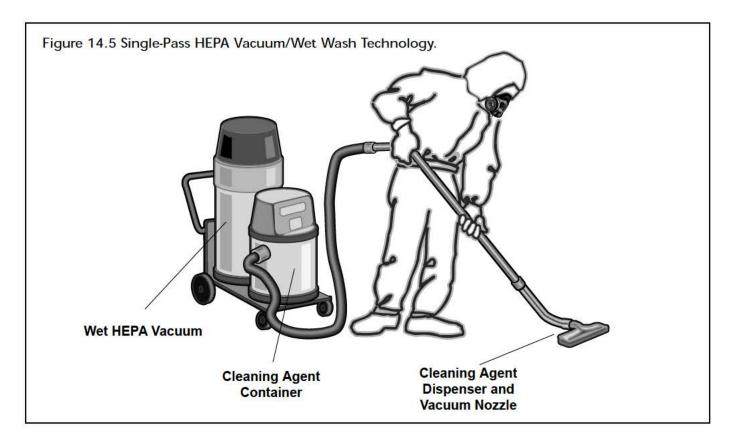
The special cleaning procedures to be followed during a lead-based paint hazard control project are discussed in chronological order below. Skipping steps in the process may result in failure to meet post-lead hazard control clearance standards.

### A. Precleaning Procedures

Precleaning (i.e., cleaning conducted before lead hazard control is begun) is necessary only in dwelling units that are heavily contaminated with paint chips. Precleaning involves the removal of large debris and paint chips, followed by HEPA vacuuming. These steps may be followed by removal of occupant personal possessions, furniture, or carpeting, depending on the







Worksite Preparation Level selected (see Chapter 8). If the furniture will not be cleaned, it should be removed from the area or covered with plastic prior to beginning the precleaning procedure. Carpeting should always be misted before its removal to control the generation of hazardous dust.

It is usually the resident's responsibility to remove most of his or her personal possessions. However, if necessary, owners or project management should be prepared to complete this activity before lead hazard control work begins. As a last resort, the contractor may pack any remaining belongings and carefully seal and move the boxes, supplying all necessary boxes, packing materials, and staff to complete the task. Following cleaning and clearance, the contractor should return all packed items to their appropriate places. Leaving these tasks to the contractor may be expensive and inefficient, since the contractor will need to be insured for this function if the occupant's



Figure 14.6 Precleaning Is Needed in Areas Where Contamination and Deterioration Are High.



belongings are damaged. Additionally, moving furniture, rugs, drapes, and other items owned by the occupant could increase leaded dust levels. Clearance should be conducted after cleaning but before resident items are moved back in.

### B. Ongoing Cleaning During the Job

Periodic HEPA vacuuming during the lead hazard control work may be necessary to minimize tracking of dust and paint chips from one area to another (e.g., when a large amount of paint chips or dust is being generated).

### C. Daily Cleaning Procedures

Cleaning activity should be scheduled at the end of each workday when all active lead hazard control throughout the dwelling has ceased. Sufficient time must be allowed for a thorough and complete cleaning (usually about 30 minutes to an hour). Daily cleaning helps achieve clearance dust levels by minimizing problems that may otherwise occur during final cleaning and limiting worker exposures. While daily cleaning can be skipped in vacant dwelling units, it is required when occupants will



Figure 14.7 Plastic Sheeting Should Be Repaired as Part of Daily Cleanup.

return in the evening. Under no circumstances should debris or plastic be left outside overnight in an unsecured area, even if the dwelling is vacant. Daily cleaning should consist of:

- Removing large debris.
- Removing small debris.
- ♦ HEPA vacuuming, wet clean, HEPA vacuuming (horizontal surfaces only).
- Cleaning exterior.
- Patching and repairing plastic sheeting.
- Securing debris/plastic.

### 1. Large Debris

Large demolition-type debris (e.g., doors, windows, trim) should be wrapped in 6-mil plastic, sealed with tape, and moved to a secure area on the property designated for waste storage. All sharp corners, edges, and nails should be hammered down to prevent injury and minimize the tearing of plastic. It is not necessary to wrap each individual piece of debris in plastic if the entire load can be wrapped. A secure area either outside or inside the property must be designated as a temporary waste-storage area. Covered, secured, and labeled dumpsters placed on or near the property may be used. Proper segregation of waste should be enforced at this time (see Chapter 10).

### 2. Small Debris

After being misted with water, small debris should be swept up, collected, and disposed of properly. The swept debris should be placed in double 4-mil or single 6-mil polyethylene (or equivalent) plastic bags, properly sealed, and moved to the designated trash storage area. Trash bags should not be overloaded; overloaded bags may rupture or puncture during handling and transport.

### 3. Exterior Cleaning

Areas potentially affected by exterior lead hazard control should be protected via a containment system (see Chapter 8). Because weather can adversely affect the efficacy of exterior





containment, the surface plastic of the containment system should be removed at the end of each workday. On a daily basis, as well as during final cleaning, the immediate area should be examined visually to ensure that no debris has escaped containment. Any such debris should be raked or vacuumed and placed in single 6-mil or double 4-mil plastic bags, which should then be sealed and stored along with other contaminated debris. HEPA vacuuming is appropriate for hard exterior surfaces, not soil.

### 4. Worker Protection Measures

General worker protection measures are discussed in Chapter 9. Studies indicate that during daily cleaning activities, especially while wet sweeping, workers may be exposed to high levels of airborne dust. Therefore, workers should wear protective clothing and equipment, especially appropriate respirators.

### 5. Maintaining Containment

The integrity of the plastic sheeting used in a lead hazard control project must be maintained. During their daily cleaning activities, workers should monitor the sheeting and immediately repair any holes or rips with 6-mil plastic and duct tape.

### V. Order of Final Cleaning Procedures After Lead Hazard Control

Before treated surfaces can be painted or sealed, final cleaning procedures must be completed. Because airborne dust requires time to settle, the final cleaning process should start no sooner than 1 hour after active lead hazard control has ceased in the room. See Appendix 11 for details regarding dust settling.

### A. Final Cleaning

As the first stage in the final cleaning, floor plastic should be misted and swept as detailed earlier in this chapter. Upper-level plastic, such as that on cabinets and counters, should be removed first, after it has been misted with water and cleaned. All plastic should be folded

carefully from the corners/ends to the middle to trap any remaining dust. Next, remove both layers of plastic from the floor.

Plastic sheets used to isolate contaminated rooms from noncontaminated rooms should remain in place until after the cleaning and removal of other plastic sheeting; these sheets may then be misted, cleaned, and removed last.

Removed plastic should be placed into double 4-mil or single 6-mil plastic bags, or plastic bags with equivalent (or better) performance characteristics, which are sealed and removed from the premises. As with daily cleanings, this plastic-removal process usually requires workers to use protective clothing and respirators.

After the plastic has been removed from the contaminated area, the entire area should be cleaned using the HEPA/wet wash/HEPA cycle, starting with the ceiling and working down to the floor. After surfaces are repainted or sealed, a final HEPA/wet wash/HEPA cycle may be necessary if accumulated dust caused by other work is visible.

# 1. Decontamination of Workers, Supplies, and Equipment

Decontamination is necessary to ensure that worker's families, other workers, and subsequent properties do not become contaminated. Specific procedures for proper decontamination of equipment, tools, and materials prior to their removal from lead hazard control containment areas should be implemented, as described below and in Chapters 9 and 10.

Work clothing, work shoes, and tools should not be placed in a worker's automobile unless they have been laundered or placed in sealed bags. All vacuums and tools that were used should be wiped down using sponges or rags with detergent solutions.

Consumable/disposable supplies, such as mop heads, sponges, and rags, should be replaced, after each dwelling is completed. Soiled items should be treated as contaminated debris (see Chapter 10).







Figure 14.8a Pick Up Corners of Plastic Sheeting.



Figure 14.8b Fold Plastic Inward.

Durable equipment, such as power and hand tools, generators, and vehicles, should be cleaned prior to their removal from the site; the cleaning should consist of a thorough HEPA vacuuming followed by washing.

### B. Preliminary Visual Examination

After the preliminary final cleaning effort is completed, the certified supervisor should visually evaluate the entire work area to ensure that all work has been completed and all visible dust and debris have been removed. While the preliminary examination may be performed by the lead hazard control supervisor, contractor, or owner as a preparatory step before the final clearance examination, it does not replace the independent visual assessment conducted during clearance.

If the visual examination results are unsatisfactory, affected surfaces must be retreated and/or recleaned. Therefore, it is more cost effective to have the supervisor rather than the clearance examiner perform this initial examination.

# C. Surface Painting or Sealing of Nonfloor Surfaces

The next step of the cleaning process is painting or otherwise sealing all treated surfaces except floors.

Surfaces, including walls, ceilings, and woodwork, should be coated with an appropriate primer and repainted. Surfaces enclosed with vinyl, aluminum coil stock, and other materials traditionally not repainted are exempt from the painting provision.

### D. Final Inspection

The final clearance evaluation should take place at least 1 hour after the final cleaning. Clearance has three purposes: 1) to ensure that the lead hazard control work is complete, 2) to detect the presence of leaded dust, and 3) to make sure that all treated surfaces have been repainted or otherwise sealed. Clearance is usually performed after the sealant is applied to the floor. See Chapter 15 for information on clearance examination procedures.

# E. Recleaning After Clearance Failure

If after passing the final visual examination, the dwelling unit fails the clearance wipe dust tests,





the HEPA/wet wash/HEPA cleaning cycle should be carefully and methodically repeated. Failure is an indication that the cleaning has not been successful. Recleaning should be conducted under the direct supervision of a certified supervisor. Care should be exercised during the recleaning of "failed" surfaces or components to avoid recontaminating "cleared" surfaces or components.

### VI. Cleaning Cost Considerations

An important consideration in determining lead hazard control strategies and methods is the cost and difficulty of required daily and final cleanup operations and the ease with which one can meet dust-clearance standards. A general rule of thumb is that lead hazard control strategies that generate the most dust will have higher cleanup costs and higher initial clearance test-failure rates.

# A. Initial Clearance Test Failure Rates

The likelihood of passing final dust-clearance tests is highly correlated with the chosen intervention strategy, methods, and care exercised by the contractor. For example, in one study (HUD, 1991) initial wipe-test failure rates were 14 percent for interior window sills, 19 percent for floors, and 33 percent for window troughs. The pass/fail rates for each surface were strongly associated with the dwelling unit abatement strategy employed. Chemical removal and hand-scraping strategies experi-enced higher failure rates than replacement and encapsulation/enclosure strategies (see Table 14.1).

However, results of the HUD demonstration project indicated that clearance failure is not solely related to abatement method. The report stated that "the diligence and effectiveness of an abatement contractor's cleaning process ... had a major impact on ... the likelihood of the dwelling unit to pass the final wipe test clearance" (HUD, 1991).



Figure 14.8c Dispose of Plastic Sheeting in a Plastic Trash Bag.

# B. Key Factors In Effective Cleaning

Effective cleaning will be aided by adequate sealing of surfaces with polyethylene sheeting prior to lead hazard control, proper daily cleaning practices, good worker training, and attention to detail. Where poor worksite preparation is employed, additional cleaning may be required to meet clearance.

### C. Special Problems

Surfaces such as porous concrete, old porous hardwood floors, and areas such as corners of rooms and window troughs pose especially difficult cleaning challenges. Porous concrete and corners of rooms normally require additional vacuuming to achieve an acceptable level of cleanliness.

The lead hazard control strategy of enclosure is frequently chosen for window troughs and for old porous hardwood floors due to the difficulty of adequately cleaning these surfaces. This





option provides not only a clean surface but a more permanently cleanable surface for dwelling occupants to maintain.

### VII. Alternative Methods

Alternatives to the recommended cleaning tools and practices discussed in this chapter are available, some having significant potential for increasing effectiveness and lowering costs.

A recent Canadian study (CMHC, 1992) evaluated the effectiveness of contaminated dust cleanup activities using tools that would generally be available to construction contractors and homeowners. Vinyl flooring and carpeting were cleaned using several wet/dry vacuuming systems, sweeping, and wet mopping. The study found that regular vacuums with empty bags send a steady stream of fine particles into the air, while vacuums with partially filled bags were more efficient. This finding suggests the necessity for HEPA vacuums. Other vacuums may be used if workers do not experience increased exposures, if compliance with clearance standards is achieved, and if a variance from OSHA regulation (29 CFR 1926.62 (h)(4)) is obtained by the contractor or employer (if required).

Agitator heads on vacuums were demonstrated to significantly enhance vacuum effectiveness on carpets in cleaning up fine dust without

increasing airborne dust levels. Table 14.2 suggests that a central vacuum with an agitator head is most efficient at removing dust and minimizing recontamination, probably because the vacuum exhaust is blown away from living areas. Because many houses do not have central vacuuming systems, a portable HEPA vacuum is the next best choice (see Table 14.2). Vacuums without agitator heads appeared to perform relatively poorly on carpets.

### A. Vacuums

Regular (non-HEPA) dry vacuums potentially produce hazardous levels of airborne dust and therefore should be avoided. Externally exhausted vacuum units with adequate dustretaining capability may be used. The OSHA lead standard requires the use of HEPA vacuum equipment (see 29 CFR 1926.62 (h)(4), which states, "where vacuuming methods are selected, the vacuums shall be equipped with HEPA filters").

### B. Trisodium Phosphate and Other Detergents

TSP detergents have been used successfully for a number of years in lead hazard control work. However, in recent years, other new cleaning agents have been developed specifically for leaded dust removal. The need for alternatives has been fueled by the fact that TSP is an eye

Table 14.1 Initial Cleaning Wipe-Test Failure Rates for Various Abatement Strategies

| Dust Test<br>Location | Hand Scrape<br>w/Heat Gun | Chemical<br>Removal | Enclosure | Encapsulation | Replacement | All Methods |
|-----------------------|---------------------------|---------------------|-----------|---------------|-------------|-------------|
| Floors                | 28.8%                     | 22.7%               | 20.0%     | 13.8%         | 12.5%       | 19%         |
| Sills                 | 24.4%                     | 24.1%               | 8.2%      | 4.8%          | 17.4%       | 14%         |
| Wells                 | 44.5%                     | 45.7%               | 23.7%     | 25.7%         | 21.0%       | 33%         |

Source: U.S. Department of Housing and Urban Development (August 1991) The HUD Lead-Based Paint Abatement Demonstration (FHA)





and skin irritant and is increasingly restricted from household use and unavailable in many local jurisdictions. TSP also damages some finishes. Recently reported trials of two new products suggest that alternative lead-specific cleaning agents may be more effective and safer than TSP (Grawe, 1993; Wilson, 1993).

These Guidelines do not prohibit the use of non-TSP cleaning agents. HUD encourages further evaluation of alternative cleaning methods. Use of any cleaning agent that results in compliance with clearance criteria is encouraged.

Table 14.2 Mass Removal Efficiency for Extended Vacuuming Cycles

|              |                                 | Mass Removal Effici                | iency Percentages |                                  |
|--------------|---------------------------------|------------------------------------|-------------------|----------------------------------|
| Cycle Number |                                 | Cleaning                           | Method            |                                  |
|              | Central<br>Vacuum—Plain<br>Tool | Central<br>Vacuum—Agitator<br>Head | HEPA Vacuum       | Portable<br>Vacuum—Plain<br>Tool |
| 1            | 34.7                            | 71.0                               | 55.4              | 17.5                             |
| 2            | 47.0                            | 80.2                               | 61.2              | 23.0                             |
| 3            | 51.9                            | 85.9                               | 66.3              | 26.6                             |
| 4            | 56.0                            | 87.8                               | 67.0              | 29.4                             |
| 5            | 59.3                            | 88.9                               | 72.1              | 32.5                             |
| 6            | 61.6                            | 91.2                               | 74.4              | 34.9                             |
| 7            | 63.8                            | 93.1                               | 76.4              | 36.5                             |
| 8            | 67.5                            | 95.4                               | 77.5              | 38.1                             |
| 9            | 67.5                            | 97.7                               | 78.7              | 40.1                             |
| 10           | 67.2                            | 100.0                              | 80.2              | 41.7                             |
| 11           |                                 | 102.3                              | 80.2              | 41.7                             |
| 12           |                                 | 104.6                              | 84.1              | 44.8                             |
| 13           |                                 | 104.6                              | 84.5              | 46.8                             |
| 14           |                                 | 103.8                              | 84.5              | 48.4                             |
| 15           |                                 |                                    |                   | 49.6                             |
| 16           |                                 |                                    |                   | 50.8                             |
| 17           |                                 |                                    |                   | 52.4                             |
| 18           |                                 |                                    |                   | 53.6                             |
| 19           |                                 |                                    |                   | 54.4                             |
| 20           |                                 |                                    |                   | 55.2                             |

Source: Canada Mortgage and Housing Corporation: Saskatchewan Research Council (December 1992) Effectiveness of Clean-up Techniques for Leaded Paint Dust

### BEST AVAILABLE COPY

MDARNG Facilities IH Baseline Surveys,  $5^{th}$  Regiment Armory, Baltimore, MD Project No. 55-ML-01ED-03

APPENDIX G

**MOLD GUIDANCE** 

# Army Facilities Management Information Document on Mold Remediation Issues

TG 277 FEBRUARY 2002



# ARMY FACILITIES MANAGEMENT INFORMATION DOCUMENT ON MOLD REMEDIATION ISSUES

### **TABLE OF CONTENTS**

| INTRODUCTION                                         | 2  |
|------------------------------------------------------|----|
| MOLD PREVENTION TIPS                                 | 3  |
| REMEDIATION PLANNING                                 | 3  |
| REMEDIATE MOISTURE AND MOLD PROBLEMS                 | 3  |
| REMEDIATION PROCEDURES                               | 4  |
| FOUR REMEDIATION LEVELS                              | 4  |
| HAZARD COMMUNICATION                                 | 9  |
| CONCLUSION                                           | 10 |
| REFERENCES                                           | 10 |
| APPENDIX A: WATER DAMAGE CLEANUP AND MOLD PREVENTION | 11 |
| APPENDIX B: MOLD REMEDIATION GUIDELINES              | 14 |
| APPENDIX C: PERSONAL PROTECTIVE GUIDANCE             | 17 |
| APPENDIX D: CONTAINMENT GUIDANCE                     | 19 |

*Use of company or trademarked names does not imply endorsement by the U.S. Army but is intended only to assist in identification of a specific product.* 

**BEST AVAILABLE COPY** TG 277 Feb 02

# ARMY FACILITIES MANAGEMENT INFORMATION DOCUMENT ON MOLD REMEDIATION ISSUES

# Moisture Control: The Army Way to Mold Prevention!

### INTRODUCTION

Concern about indoor exposure to mold has been increasing as the public becomes more aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions.

This document provides the best and most current guidance for remediation of clean water damage (<48 hours) and mold contamination (>48 hours) into one resourceful Army guide. This guide has been designed to provide information to facilities management individuals who have little or no experience with mold remediation. It will assist them in making a reasonable judgment as to whether the situation can be handled in-house. It will help those in charge of maintenance to develop or evaluate an in-house remediation plan or evaluate a remediation plan submitted by an outside contractor. If an outside contractor is employed, they must have experience cleaning up mold. Check their references, and have them follow the recommendations presented in this document, EPA guidelines, and/or guidelines of the American Conference of Governmental Industrial Hygienists (ACGIH). A multi-disciplinary team approach to mold concerns is best. A health and safety professional, such as an industrial hygienist, should be consulted prior to any remediation activities to assist in the project.

Molds produce tiny spores to reproduce. Mold spores float through the indoor and outdoor air continually. When mold spores land on a damp spot, they may begin growing and digesting whatever they are growing on in order to survive. There are molds that can grow on wood, paper, carpet, and foods. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or uncorrected. There is no practical way to eliminate all molds and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture.(1)

In all situations, the underlying cause of water accumulation must be rectified or mold growth will recur. Any initial water infiltration should be stopped and clean up began immediately. An immediate response (within 24 to 48 hours) and thorough clean up, drying, and/or removal of water damaged materials will prevent or limit mold growth. (Refer to Appendix A for detailed guidance on clean water damage response). If the source of water is elevated humidity, actions to maintain the relative humidity levels below 60% to inhibit mold growth should be taken (2). Emphasis should be on ensuring proper repairs of the building infrastructure, so that water damage and moisture buildup does not recur.

May, 2018

TG 277 EST AVAILABLE COPY
Feb 02

### **MOLD PREVENTION TIPS:**

# [Adapted from EPA, reference 1]

- Fix leaky plumbing and leaks in the building envelope as soon as possible.
- Watch for condensation and wet spots. Fix source(s) of moisture problem(s) as soon as possible.
- Prevent moisture due to condensation by increasing surface temperature or reducing the moisture level in air (humidity). To increase surface temperature, insulate or increase air circulation. To reduce the moisture level in air, repair leaks, increase ventilation (if outside air is cold and dry), or dehumidify (if outdoor air is warm and humid).
- Keep heating, ventilating, and air-conditioning (HVAC) drip pans clean, flowing properly, and unobstructed.
- Vent moisture-generating appliances, such as dryers, to the outside.
- Maintain low indoor humidity, below 60% relative humidity (RH), ideally 30-50%, if possible.
- Perform regular building/HVAC inspections and maintenance as scheduled.
- Clean and dry wet or damp spots within 48 hours.
- Don't let foundations stay wet. Provide adequate drainage and slope the ground away from the foundation.

### REMEDIATION PLANNING

- Plan to dry wet, non-moldy materials within 48 hours to prevent mold growth (Appendix A)
- Select cleanup methods for moldy items (Appendix B)
- Select Personal Protection Equipment (PPE)- protect remediators (Appendix B)
- Select containment equipment protect building occupants (Appendix B)
- Select remediation personnel who have the experience and training needed to implement the remediation plan and use PPE and containment as appropriate

# REMEDIATE MOISTURE AND MOLD PROBLEMS

- Fix moisture problem, implement repair plan and/or maintenance plan
- Dry wet, non-moldy materials within 48 hours to prevent mold growth (Appendix A)
- Clean and dry moldy materials (Appendix B)
- Discard moldy porous items that can't be cleaned (Appendix B)

TG 277 BEST AVAILABLE COPY
Feb 02

### REMEDIATION PROCEDURES

Four levels of abatement are described below. The size of the area impacted by mold contamination primarily determines the type of remediation. The sizing levels below are based on professional judgment and practicality; currently there is not adequate data to relate the extent of contamination to frequency or severity of health effects. The goal of remediation is to remove or clean contaminated materials in a way that prevents the emission of mold and preventing dust contaminated with mold from leaving a work area and entering an occupied or non-abatement area, while protecting the health of workers performing the abatement. The listed remediation methods were designed to achieve this goal, however, due to the general nature of these methods it is the responsibility of the people conducting remediation to ensure the methods enacted are adequate. (3)

Non-porous (e.g., metals, glass, and hard plastics) and semi-porous (e.g., wood, and concrete) materials that are structurally sound and are visibly moldy can be cleaned and reused. Cleaning should be done using a detergent solution. Porous materials such as ceiling tiles and insulation, and wallboards with more than a small area of contamination should be removed and discarded. Porous materials (e.g., wallboard, and fabrics) that can be cleaned, can be reused, but should be discarded if possible. All materials to be reused should be dry and visibly free from mold. Routine inspections should be conducted to confirm the effectiveness of remediation work. (1 and 3)

The use of bleach or other biocides is questionable in most cases (8). The effectiveness of bleach in reducing living mold is dependent on concentration, residual chlorine levels, and contact time on the surface (8). All of these factors are difficult to control during remediation. Removal of all mold growth can generally be accomplished by physical removal of materials supporting active growth and thorough cleaning of non-porous materials (4). Therefore, application of a biocide serves no purpose that could not be accomplished with a detergent or cleaning agent (4).

The use of gaseous ozone or chlorine dioxide for remedial purposes is **not** recommended. Both compounds are highly toxic and contamination of occupied space may pose a health threat. Furthermore, the effectiveness of these treatments is unproven. For additional information on the use of biocides for remedial purposes, refer to the American Conference of Governmental Industrial Hygienists' document, "Bioaerosols: Assessment and Control."(4)

### FOUR REMEDIATION LEVELS

[Adapted from NYCDOH Guidelines on Assessment and Remediation of Fungi in Indoor Environments (3) and EPA (1)]

**Level I:** Small Isolated Areas – Total surface area affected less than 10 square **feet** - e.g., ceiling tiles, small areas on walls. Refer to Appendix B for detailed guidance.

BEST AVAILABLE COPY

Feb 02

Regular building maintenance staff can conduct this level of remediation. Such persons should receive training on proper clean up methods, personal protection,

and potential health hazards. This training can be performed as part of a program to comply with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Appendix C for PPE guidance. Respiratory protection (e.g., N95 disposable respirator), used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended(7). Gloves and goggles should be worn. All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional before wearing a respirator.

The work area should be unoccupied. Vacating people from spaces adjacent to the work area is not necessary but is recommended in the presence of infants (less than 12 months old), persons recovering from recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Containment of the work area is not necessary. Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and areas used by remediation workers for egress should be cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

Level II: Medium – Total Surface Area affected between 10 and 100 square feet - e.g., several wallboard panels. (See Appendix B for detailed guidance).

The following procedures at a minimum are recommended:

Refer to Appendix C for proper PPE selection. Limited or Full protection may be required depending on the situation.

Refer to Appendix D for Containment procedures.

The work area and areas directly adjacent should be covered with a single layer of 6 mil fire-retardant polyethylene sheet(s) and taped before remediation, to contain dust/debris.

TG 277

Seal ventilation ducts/grills in the work area and areas directly adjacent with 6 mil polyethylene sheeting. Use an exhaust fan with a High Efficiency Particulate Air (HEPA) filter to generate negative pressurization.

The work area and areas directly adjacent should be unoccupied. Further vacating of people from spaces near the work area is recommended in the presence of infants (less than 12 months old), persons having undergone recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and surrounding areas should be HEPA vacuumed (a vacuum equipped with a High-Efficiency Particulate Air filter) and cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

If abatement procedures are expected to generate a lot of dust (e.g., abrasive cleaning of contaminated surfaces, demolition of plaster walls) or the visible concentration of the mold is heavy (blanket coverage as opposed to patchy), then it is recommended that the remediation procedures for Level III be followed.

Level III: Large Area – Total Surface Area affected greater than 100 square feet or potential for increased occupant or remediator exposure during remediation is estimated to be significant. (See Appendix B for detailed guidance).

The following procedures are recommended:

Refer to Appendices C & D for PPE and Containment guidance.

Completely isolate the work area from occupied spaces using double layers of polyethylene plastic sheeting sealed with duct tape (including ventilation ducts/grills, fixtures, and any other openings).

Utilize an exhaust fan with a HEPA filter to generate negative pressurization. Provide airlocks and a decontamination room.

TG 277 EST AVAILABLE COPY
Feb 02

The work area and areas directly adjacent should be unoccupied. Further vacating of people from spaces near the work area is recommended in the presence of infants (less than 12 months old), persons having undergone recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste. The outside of the bags should be cleaned with a damp cloth and a detergent solution or HEPA vacuumed in the decontamination chamber prior to their transport to uncontaminated areas of the building.

The contained area and decontamination room should be HEPA vacuumed and cleaned with a damp cloth and/or mop with a detergent solution and be visibly clean prior to the removal of isolation barriers.

Pre- and post-remediation sampling may also be useful in determining whether remediation efforts have been effective. After remediation, the types and concentrations of mold in the indoor air samples should be similar to what is found in the local outdoor air(4). Since no Federal limits have been set for mold or mold spores, sampling cannot be used to check a building's compliance with Federal mold standards.

If any remediation sampling is deemed necessary contact your local industrial hygiene office or contact safety and health professionals with specific experience in designing mold sampling protocols, sampling methods, and interpretation of results. Sample analysis should follow analytical methods recommended by the American Industrial Hygiene Association (AIHA) or the American Conference of Governmental Industrial Hygienists (ACGIH). The laboratory conducting the analyses should participate in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) program.

**Level IV: Remediation of HVAC Systems** (See Appendix B for detailed guidance. For a small area (<10 ft²) follow Level I guidance for PPE and containment and for a areas (>10 ft²) follow Medium (Level II) or when greater than 100 ft² follow Large (Level III) guidance for PPE and containment as discussed in Appendices B, C, and D)

A Small Isolated Area of Contamination (total surface area affected <10 square feet) in the HVAC System

The HVAC system should be shut down prior to any remedial activities.

BEST AVAILABLE COPY

Feb 02

Regular building maintenance staff can conduct this level of remediation. Such persons should receive training on proper clean up methods, personal protection, and potential health hazards. This training can be performed as part of a program to comply with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Appendix C for PPE guidance. Respiratory protection (e.g., N95 disposable respirator), used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended (7). Gloves and goggles should be worn. All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional.

The work area should be unoccupied. Vacating people from spaces adjacent to the work area is not necessary but is recommended in the presence of infants (less than 12 months old), persons recovering from recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Containment of the work area is not necessary. Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Growth supporting materials that are contaminated, such as the insulation of interior lined ducts and filters, should be removed. Other contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and areas immediately surrounding the work area should be HEPA vacuumed and cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

# Areas of Contamination (Total surface area affected >10 square feet) in the HVAC System

The following procedures are recommended:

The HVAC system should be shut down prior to any remedial activities.

Refer to Appendices C & D for PPE and Containment guidance.

Completely isolate the work area from other areas. Isolate the HVAC system using double layers of polyethylene plastic sheeting sealed with duct tape (including ventilation ducts/grills, fixtures, and any other openings).

TG 277

TG 277 Feb 02

Utilize an exhaust fan with a HEPA filter to generate negative pressurization. Provide airlocks and a decontamination room.

Growth supporting materials that are contaminated, such as the insulation of interior lined ducts and filters, should be removed. Other contaminated materials that cannot be cleaned should be sealed and removed in double-bagged 6-mil plastic. When a decontamination room is present, the outside of the bags should be cleaned with a damp cloth and a detergent solution or HEPA vacuumed prior to their transport to uncontaminated areas of the building. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The contained area and decontamination room should be HEPA vacuumed and cleaned with a damp cloth and/or mop and a detergent solution prior to the removal of isolation barriers.

All areas should be left dry and visibly free from contamination and debris.

Pre- and post-remediation sampling may also be useful in determining whether remediation efforts have been effective. After remediation, the types and concentrations of mold in the indoor air samples should be similar to what is found in the local outdoor air (4). Since no Federal limits have been set for mold or mold spores, sampling cannot be used to check a building's compliance with Federal mold standards.

If remediation sampling is necessary contact your local industrial hygiene office or contact safety and health professionals with specific experience in designing mold sampling protocols, sampling methods, and interpretation of results. Sample analysis should follow analytical methods recommended by the American Industrial Hygiene Association (AIHA) or the American Conference of Governmental Industrial Hygienists (ACGIH).

# HAZARD COMMUNICATION

When mold growth requiring Level III or IV (large-scale) remediation is found, the building owner, management, and/or employer should notify occupants in the affected area(s) of its presence. Notification should include a description of the remedial measures to be taken and a timetable for completion. Well-planned group meetings held before and after remediation with full disclosure of plans and results can be an effective communication mechanism. Individuals seeking medical attention should be provided with a copy of all inspection results and interpretation to give to their medical practitioners (1 and 3).

Page 692 of 5269

TG 277 EST AVAILABLE COPY
Feb 02

### **CONCLUSION**

In summary, the prompt remediation of contaminated material and infrastructure repair must be the primary response to mold contamination in buildings. The simplest and most expedient remediation that properly and safely removes mold growth from buildings should be used. Widespread contamination poses much larger problems that must be addressed on a case-by-case basis in consultation with a health and safety specialist. Effective communication with building occupants is an essential component of all remedial efforts. Individuals with persistent health problems should go to the local occupational health clinic or see their physicians for a referral to practitioners who are trained in occupational/environmental medicine or related specialties and are knowledgeable about these types of exposures.

### **REFERENCES**

- 1. U.S. Environmental Protection Agency. *Mold Remediation in Schools and Commercial Buildings*, EPA 402-K-01-001, March 2001.
- 2. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. Ventilation for Acceptable Indoor Air Quality ASHRAE Standard (ANSI/ASHRAE 62-2001). Atlanta, Georgia, 2001.
- New York City Department of Health: Guidelines on Assessment and Remediation of Fungi in Indoor Environments. New York: New York City Department of Health, Bureau of Environmental & Occupational Disease Epidemiology, (April 2000) January 2002.
- 4. American Conference of Governmental Industrial Hygienists (ACGIH): *Bioaerosols: Assessment and Control*, edited by Janet Macher. Cincinnati, OH: ACGIH, 1999.
- 5. U.S. Environmental Protection Agency. *Should You Have the Air Ducts In Your Home Cleaned?* EPA-402-K-97-002. October 1997.
- 6. Institute of Inspection, Cleaning and Restoration Certification (IICRC). *IICRC S500*, *Standard and Reference Guide for Professional Water Damage Restoration*, 2<sup>nd</sup> edition, 1999.
- 7. Occupational Safety & Health Administration. *Respiratory Protection Standard*, 29 *Code of Federal Regulations 1910.134*. 63 FR 1152. January 8, 1998.
- 8. American Industrial Hygiene Association, *Report of Microbial Growth Task Force*, AIHA Press, Fairfax, VA, May 2001.

# **APPENDIX A**

[Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# **Water Damage Cleanup and Mold Prevention**

Appendix A presents strategies to respond to water damage within 24-48 hours. These guidelines are designed to help avoid the need for remediation of mold growth by taking quick action before growth starts. If mold growth is found on the materials listed in Appendix A, refer to Appendix B for guidance on remediation. Depending on the size of the area involved and resources available, professional assistance may be needed to dry an area quickly and thoroughly.

| Water Damage - Cleanup and Mold Prevention                                               |                                                                                                                                                                                                             |  |  |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Guidelines for Response to Clean Water Damage within 24-48 Hours to Prevent Mold Growth£ |                                                                                                                                                                                                             |  |  |
| Water-Damaged<br>Material†                                                               | Actions                                                                                                                                                                                                     |  |  |
| Books and papers                                                                         | <ul> <li>For non-valuable items, discard books and papers.</li> <li>Photocopy valuable/important items, discard originals.</li> <li>Freeze (in frost-free freezer or meat locker) or freeze-dry.</li> </ul> |  |  |
| Carpet and backing -<br>dry within 24-48 hours§                                          | <ul> <li>Remove water with water extraction vacuum.</li> <li>Reduce ambient humidity levels with dehumidifier.</li> <li>Accelerate drying process with fans.</li> </ul>                                     |  |  |
| Ceiling tiles                                                                            | Discard and replace.                                                                                                                                                                                        |  |  |
| Cellulose insulation                                                                     | Discard and replace.                                                                                                                                                                                        |  |  |
| Concrete or cinder<br>block surfaces                                                     | <ul> <li>Remove water with water extraction vacuum.</li> <li>Accelerate drying process with dehumidifiers, fans, and/or heaters.</li> </ul>                                                                 |  |  |
| Fiberglass insulation                                                                    | Discard and replace.                                                                                                                                                                                        |  |  |

TG 277 BEST AVAILABLE COPY
Feb 02

| Hard surface, porous flooring§ (Linoleum, ceramic tile, vinyl) | <ul> <li>Vacuum or damp wipe with water and mild detergent and allow to dry; scrub if necessary.</li> <li>Check to make sure under flooring is dry; dry under flooring if necessary.</li> </ul>                                                                                                                                                 |  |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Non-porous, hard<br>surfaces<br>(Plastics, metals)             | Vacuum or damp wipe with water and mild detergent and allow to dry; scrub if necessary.                                                                                                                                                                                                                                                         |  |
| Upholstered furniture                                          | <ul> <li>Remove water with water extraction vacuum.</li> <li>Accelerate drying process with dehumidifiers, fans, and/or heaters.</li> <li>May be difficult to completely dry within 48 hours. If the piece is valuable, you may wish to consult a restoration/water damage professional who specializes in furniture.</li> </ul>                |  |
| Wallboard<br>(Drywall and gypsum<br>board)                     | <ul> <li>May be dried in place if there is no obvious swelling and the seams are intact. If not, remove, discard, and replace.</li> <li>Ventilate the wall cavity, if possible.</li> </ul>                                                                                                                                                      |  |
| Window drapes                                                  | Follow laundering or cleaning instructions recommended by the manufacturer.                                                                                                                                                                                                                                                                     |  |
| Wood surfaces                                                  | <ul> <li>Remove moisture immediately and use dehumidifiers, gentle heat, and fans for drying. (Use caution when applying heat to hardwood floors.)</li> <li>Treated or finished wood surfaces may be cleaned with mild detergent and clean water and allowed to dry.</li> <li>Wet paneling should be pried away from wall for drying</li> </ul> |  |

## BEST AVAILABLE COPY

### TG 277 ### Feb 02

£ If mold growth has occurred or materials have been wet for more than 48 hours, consult Appendix B. Even if materials are dried within 48 hours, mold growth may have occurred. Professionals may test items if there is doubt. Note that mold growth will not always occur after 48 hours; this is only a guideline.

These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then OSHA may have requirements for Personal Protective Equipment and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise remediating in contaminated water situations. Do not use fans before determining that the water is clean or sanitary.

- † If a particular item(s) has high monetary or sentimental value, you may wish to consult a restoration/water damage specialist.
- § The subfloor under the carpet or other flooring material must also be cleaned and dried. See the appropriate section of this table for recommended actions depending on the composition of the subfloor.

TG 277 EBEST AVAILABLE COPY
Feb 02

# APPENDIX B

# [Adapted from EPA 402-K-01-001, March 2001]

# **Mold Remediation Guidelines**

Appendix B presents remediation guidelines for building materials that have or are likely to have mold growth. The guidelines in Appendix B are designed to protect the health of occupants and cleanup personnel during remediation. These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods.

If you are considering cleaning your ducts as part of your remediation plan, you should consult EPA's publication entitled, Should You Have the Air Ducts In Your Home Cleaned? (5) Although this EPA document has a residential focus, the same concept applies to other building types. If possible, remediation activities should be scheduled during off-hours when building occupants are less likely to be affected.

Although the level of personal protection suggested in these guidelines is based on the total surface area contaminated and the potential for remediator and/or occupant exposure, professional judgment should always play a part in remediation decisions. These remediation guidelines are based on the size of the affected area to make it easier for remediators to select appropriate techniques, not on the basis of health effects or research showing there is a specific method appropriate at a certain number of square feet. The guidelines have been designed to help construct a remediation plan. The remediation manager will then use professional judgment and experience to adapt the guidelines to particular situations. When in doubt, caution is advised. Consult an experienced mold remediator for more information.

| Guidelines for Remediating Building Materials with Mold Growth Caused by Clean Water* |                                                                    |                                                 |               |  |  |  |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------|---------------|--|--|--|
| Material or Furnishing Affected                                                       | Cleanup<br>Methods†                                                | Personal Protective Equipment                   | Containment   |  |  |  |
|                                                                                       | SMALL - Total Surface Area Affected Less Than 10 square feet (ft²) |                                                 |               |  |  |  |
| Books and papers                                                                      | 3                                                                  |                                                 |               |  |  |  |
| Carpet and backing                                                                    | 1, 3                                                               |                                                 |               |  |  |  |
| Concrete or cinder block                                                              | 1, 3                                                               | Minimum<br>N-95 respirator, gloves, and goggles | None required |  |  |  |
| Hard surface, porous flooring (linoleum, ceramic tile, vinyl)                         | 1, 2, 3                                                            |                                                 |               |  |  |  |
| Non-porous, hard surfaces (plastics, metals)                                          | 1, 2, 3                                                            |                                                 |               |  |  |  |
| Upholstered furniture & drapes                                                        | 1, 3                                                               |                                                 |               |  |  |  |
| Wallboard (drywall and gypsum<br>board)                                               | 3                                                                  |                                                 |               |  |  |  |
| Wood surfaces                                                                         | 1, 2, 3                                                            |                                                 |               |  |  |  |

## BEST AVAILABLE COPY

### TG 277 ### Feb 02

| MEDIUM - Total Surface Area Affected Between 10 and 100 ft <sup>2</sup> |         |                                                                                                   |                                                                             |  |
|-------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--|
| Books and papers                                                        | 3       |                                                                                                   |                                                                             |  |
| Carpet and backing                                                      | 1,3,4   |                                                                                                   |                                                                             |  |
| Concrete or cinder block                                                | 1,3     |                                                                                                   |                                                                             |  |
| Hard surface, porous flooring (linoleum, ceramic tile, vinyl)           | 1,2,3   | Limited or Full  Use professional judgment, consider                                              | Limited  Use professional judgment, consider                                |  |
| Non-porous, hard surfaces (plastics, metals)                            | 1,2,3   | potential for remediator exposure and size of contaminated area                                   | potential for remediator/occupant<br>exposure and size of contaminated area |  |
| Upholstered furniture & drapes                                          | 1,3,4   |                                                                                                   |                                                                             |  |
| Wallboard (drywall and gypsum<br>board)                                 | 3,4     |                                                                                                   |                                                                             |  |
| Wood surfaces                                                           | 1,2,3   |                                                                                                   |                                                                             |  |
|                                                                         |         | ce Area Affected Greater Than 100 ft <sup>2</sup> or I<br>iator Exposure During Remediation Estim |                                                                             |  |
| Books and papers                                                        | 3       |                                                                                                   |                                                                             |  |
| Carpet and backing                                                      | 1,3,4   |                                                                                                   |                                                                             |  |
| Concrete or cinder block                                                | 1,3     | Full                                                                                              | Full                                                                        |  |
| Hard surface, porous flooring (linoleum, ceramic tile, vinyl)           | 1,2,3,4 | Use professional judgment, consider potential for remediator/occupant exposure                    | Use professional judgment, consider potential for remediator exposure and   |  |
| Non-porous, hard surfaces (plastics, metals)                            | 1,2,3   | and size of contaminated area                                                                     | size of contaminated area                                                   |  |
| Upholstered furniture & drapes                                          | 1,2,4   |                                                                                                   |                                                                             |  |
| Wallboard (drywall and gypsum<br>board)                                 | 3,4     |                                                                                                   |                                                                             |  |
| Wood surfaces                                                           | 1,2,3,4 |                                                                                                   |                                                                             |  |

\*Use professional judgment to determine prudent levels of Personal Protective Equipment and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Assess the need for increased Personal Protective Equipment, if, during the remediation, more extensive contamination is encountered than was expected. Consult Appendix A if materials have been wet for less than 48 hours, and mold growth is not apparent. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then the Occupational Safety and Health Administration (OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

†Select method most appropriate to situation. Since molds gradually destroy the things they grow on, if mold growth is not addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage/remediation expert. Please note that these are guidelines; other cleaning methods may be preferred by some professionals.

TG 277 EBST AVAILABLE COPY
Feb 02

# **Cleanup Methods**

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried). Steam cleaning may be an alternative for carpets and some upholstered furniture.
- Method 2: Damp-wipe surfaces with plain water or with water and detergent solution (except wood —use wood floor cleaner); scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 4: Discard Remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

# **Personal Protective Equipment (PPE)**

- Minimum: Gloves, N-95 respirator, goggles/eye protection
- Limited: Gloves, N-95 respirator or half-face respirator with HEPA filter, disposable overalls, goggles/eye protection
- Full: Gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter

### **Containment**

- Limited: Use polyethylene-sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.
- Full: Use two layers of fire-retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

Table developed from literature and remediation documents including Bioaerosols: Assessment and Control (American Conference of Governmental Industrial Hygienists, 1999) (4) and IICRC S500, Standard and Reference Guide for Professional Water Damage Restoration, (Institute of Inspection, Cleaning and Restoration, 1999) (6)

TG 277 BEST AVAILABLE COPY
Feb 02

# **APPENDIX C**

[Adapted Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# PERSONAL PROTECTIVE EQUIPMENT

# **Skin and Eye Protection**

Gloves are required to protect the skin from contact with mold allergens (and in some cases mold toxins) and from potentially irritating cleaning solutions. Long gloves that extend to the middle of the forearm are recommended. The glove material should be selected based on the type of materials being handled. If you are using a strong cleaning solution, you should select gloves made from natural rubber, neoprene, nitrile, polyurethane, or polyvinyl chloride (PVC). If you are using a mild detergent or plain water, ordinary household rubber gloves may be used. To protect your eyes, use properly fitted goggles or a full-face respirator with HEPA filter. Goggles must be designed to prevent the entry of dust and small particles. Safety glasses or goggles with open vent holes are not acceptable.

# **Respiratory Protection**

Respirators protect cleanup workers from inhaling airborne mold, mold spores, and dust. Respiratory protection used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended(7). All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional before wearing a respirator.

- Minimum: When cleaning up a small area affected by mold, you should use an N-95 respirator. This device covers the nose and mouth, will filter out 95% of the particulates that pass through the filter. In situations where a full-face respirator is in use, additional eye protection is not required.
- Limited: Limited PPE includes use of a half-face or full-face air-purifying respirator (APR) equipped with a HEPA filter cartridge. These respirators filter mold particles in the air. Note that half-face APRs do not provide eye protection. In addition, the HEPA filters do not remove vapors or gases. You should always use respirators approved by the National Institute for Occupational Safety and Health.
- Full: In situations in which high levels of airborne dust or mold spores are likely or when intense or long-term exposures are expected (e.g., the cleanup of large areas of contamination), a full-face, powered air-purifying respirator (PAPR) is recommended. Full-face PAPRs use a blower to force air through a HEPA filter. The HEPA-filtered air is supplied to a mask that covers the entire face or a hood that covers the entire head. The positive pressure within the mask or hood prevents unfiltered air from entering through penetrations or gaps. Individuals must be trained to use their respirators before they begin remediation.

## BEST AVAILABLE COPY

### TG 277 ### Feb 02

# **Disposable Protective Clothing**

Disposable clothing is recommended during a medium or large remediation project to prevent the transfer and spread of mold to clothing and to eliminate skin contact with mold.

- Limited: Disposable paper overalls can be used.
- Full: Mold-impervious disposable head and foot coverings, and a body suit made of a breathable material, such as TYVEK®, should be used. All gaps, such as those around ankles and wrists, should be sealed (many remediators use duct tape to seal clothing).

# APPENDIX D

[Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# **CONTAINMENT GUIDANCE**

### **Containment**

The purpose of containment during remediation activities is to limit release of mold into the air and surroundings, in order to minimize the exposure of remediators and building occupants to mold. Mold and moldy debris should not be allowed to spread to areas in the building beyond the contaminated site.

The two types of containment recommended in Appendix B are limited and full. The larger the area of moldy material, the greater the possibility of human exposure and the greater the need for containment. In general, the size of the area helps determine the level of containment. However, a heavy growth of mold in a relatively small area could release more spores than a lighter growth of mold in a relatively large area. Choice of containment should be based on professional judgment. The primary object of containment should be to prevent occupant and remediator exposure to mold.

# **Containment Tips**

- Always maintain the containment area under negative pressure.
- Exhaust fans to outdoors and ensure that adequate makeup air is provided.
- If the containment is working, the polyethylene sheeting should billow inwards on all surfaces. If it flutters or billows outward, containment has been lost, and you should find and correct the problem before continuing your remediation activities.

# **Limited Containment**

Limited containment is generally recommended for areas involving between 10 and 100 square feet (ft²) of mold contamination. The enclosure around the moldy area should consist of a single layer of 6-mil, fire-retardant polyethylene sheeting. The containment should have a slit entry and covering flap on the outside of the containment area. For small areas, the polyethylene sheeting can be affixed to floors and ceilings with duct tape. For larger areas, a steel or wooden stud frame can be erected and polyethylene sheeting attached to it. All supply and air vents, doors, chases, and risers within the containment area must be sealed with polyethylene sheeting to minimize the migration of contaminants to other parts of the building. Heavy mold growth on ceiling tiles may impact HVAC systems if the space above

the ceiling is used as a return air plenum. In this case, containment should be installed from the floor to the ceiling deck, and the filters in the air-handling units serving the affected area may have to be replaced once remediation is finished.

The containment area must be maintained under negative pressure relative to surrounding areas. This will ensure that contaminated air does not flow into adjacent areas. This can be done with a HEPA-filtered fan unit exhausted outside of the building. For small, easily contained areas, an exhaust fan ducted to the outdoors can also be used. The surfaces of all objects removed from the containment area should be remediated/cleaned prior to removal. The remediation guidelines outlined in Appendix B can be implemented when the containment is completely sealed and is under negative pressure relative to the surrounding area.

# **Full Containment**

Full containment is recommended for the cleanup of mold-contaminated surface areas greater than 100 ft<sup>2</sup> or in any situation in which it appears likely that the occupant space would be further contaminated without full containment. Double layers of polyethylene should be used to create a barrier between the moldy area and other parts of the building. A decontamination room or airlock should be constructed for entry into and exit from the remediation area. The entryways to the airlock from the outside and from the airlock to the main containment area should consist of a slit entry with covering flaps on the outside surface of each slit entry. The chamber should be large enough to hold a waste container and allow a person to put on and remove PPE. All contaminated PPE, except respirators, should be placed in a sealed bag while in this chamber. Respirators should be worn until remediators are outside the decontamination chamber. PPE must be worn throughout the final stages of HEPA vacuuming and damp-wiping of the contained area. PPE must also be worn during HEPA vacuum filter changes or cleanup of the HEPA vacuum.

**BEST AVAILABLE COPY** 

**TG 277** 

February 2002

**Local Reproduction is Authorized and Encouraged.** 



# Industrial Hygiene/ Preventive Medicine Mold Assessment Guide

TG 278 February 2002



# **Table of Contents**

| Introduction                                                                  | 2  |
|-------------------------------------------------------------------------------|----|
| Safety Tips While Investigating And Evaluating Mold And Moisture Problems     | 2  |
| Communicate With Building Occupants At All Stages Of Process, As Appropriate. | 3  |
| Routine Investigation And Evaluation Of Moisture And Mold Problems            | 3  |
| Assessments Requiring Sampling                                                | 3  |
| References                                                                    | 4  |
| APPENDIX A: Mold Investigation Decision Logic                                 | 5  |
| APPENDIX B: Mold Remediation Guidelines                                       | 8  |
| APPENDIX C: Personal Protective Equipment                                     | 11 |
| APPENDIX D: Containment Guidance                                              | 13 |

*Use of company or trademarked names does not imply endorsement by the U.S. Army but is intended only to assist in identification of a specific product.* 

# **Industrial Hygiene/Preventive Medicine Mold Assessment Guide**

### Introduction

The USACHPPM Industrial Hygiene Field Services Program receives requests from industrial hygiene (IH)/preventive medicine (PM) field personnel for information about mold investigations and clean-up procedures. Like all organisms, molds have an absolute requirement for water. The types of mold and their abundance in an area depend on the availability of nutrients (i.e., dirt), water and temperature. Chronic water intrusion, lack of adequate ventilation and moisture control, and or isolated floods, such as a water pipe bursting, are typical conditions, which lead to mold growth in buildings.

When mold growth is present, the removal and cleaning of contaminated materials must be handled with proper precautions, because disturbing this growth can result in bioaerosol release, i.e., sending millions of spores into the air.

This mold assessment guide used in conjunction with the *ARMY Facilities Management Information Document on Mold Remediation Issues* (*TG* 277)<sup>1</sup> will assist Industrial Hygienists and or Preventive Medicine personnel in conducting mold investigations. Since a team approach is recommended, the collaboration between IH/PM personnel and facility management personnel is vital to correct moldy conditions and prevent future mold growth. Use the following procedures and refer to Appendix A: Mold Investigation Decision Logic, for guidance on mold investigation, evaluation, and remediation for routine assessments.

Air sampling for mold should never be part of a routine assessment. Remediation strategies can generally be made on the basis of a visual inspection or confirmation with a bulk or surface sample. In addition, air sampling methods for some mold are prone to false negative results and therefore cannot be used to definitively rule out contamination<sup>2</sup>.

# Safety Tips While Investigating and Evaluating Mold and Moisture Problems<sup>3</sup>

- Be careful not to touch mold or moldy items with bare hands.
- Do not allow mold or mold spores to get into your eyes.
- Do not breathe in mold or mold spores.
- Consult **Appendices B, C, and D** for Remediation, Personal Protective Equipment (PPE) to be used during remediation and Containment guidance.
- Consider using PPE when disturbing mold during investigation. Depending upon the situation, a half-face NIOSH-approved N-95 respirator, gloves, and goggles are recommended.

# Communicate with building occupants at all stages of process, as appropriate<sup>1</sup>.

When mold growth requiring Level III or IV (large-scale) remediation is found (See Appendix B), the building owner, management, and/or employer should notify occupants in the affected area(s) of its presence. Notification should include a description of the remedial measures to be taken and a timetable for completion. Well-planned group meetings held before and after remediation with full disclosure of plans and results can be an effective communication mechanism. Individuals seeking medical attention should be provided with a copy of all inspection results and interpretation to give to their medical practitioners.

# Routine Investigation and Evaluation of moisture and mold problems<sup>3</sup>.

- Determine the total surface area of visible mold affected (square feet).
- Consider the possibility of hidden mold.
- Clean up small mold problems and fix moisture problems before they become large problems.
- Select remediation personnel or team based on the assessment.
- Investigate areas associated with occupant complaints.
- Identify source(s) or cause of water or moisture problem(s).
- Note type of water-damaged materials (wallboard, carpet, etc.).
- Check inside air ducts and air handling unit.

# **Assessments Requiring Sampling**

Air sampling may be necessary if an individual(s) has been diagnosed with a disease that is or may be associated with mold exposure (e.g., aspergillosis) and the occupational health physician/medical practitioner desires to confirm the causative agent.

Pre- and post-remediation air sampling may be necessary if there is evidence from a visual inspection or bulk sampling that the ventilation systems are contaminated. The purpose of such sampling is to assess the extent of contamination throughout a building and to confirm adequate remediation.

Air sampling may be necessary if the presence of mold is suspected (e.g., musty odors) but cannot be identified by a visual inspection or bulk sampling (e.g., mold growth behind walls). The purpose of this sampling is to determine the location and degree of contamination<sup>2</sup>.

When air sampling is deemed necessary and is performed, outdoor air samples should be collected at the same time at the fresh air intake, which serves the suspected area. Values obtained should be compared and the indoor and outdoor air samples should be similar in kinds and concentrations of mold to what is found locally in the outdoor air<sup>4</sup>. If they are different, bioamplification is occurring and the problem needs corrected.

Personnel conducting the sampling should be trained in proper air sampling methods for microbial contaminants. For additional information on air sampling, refer to the American Conference of Governmental Industrial Hygienists', "Bioaerosols: Assessment and Control<sup>4</sup>."

Sample analysis should follow analytical methods recommended by the American Industrial Hygiene Association (AIHA) or the American Conference of Governmental Industrial Hygienists (ACGIH). The laboratory conducting the analyses should participate in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) program. For further mold assistance, contact USACHPPM, Industrial Hygiene Field Services Program, DSN 584-3118 or (410) 436-3118.

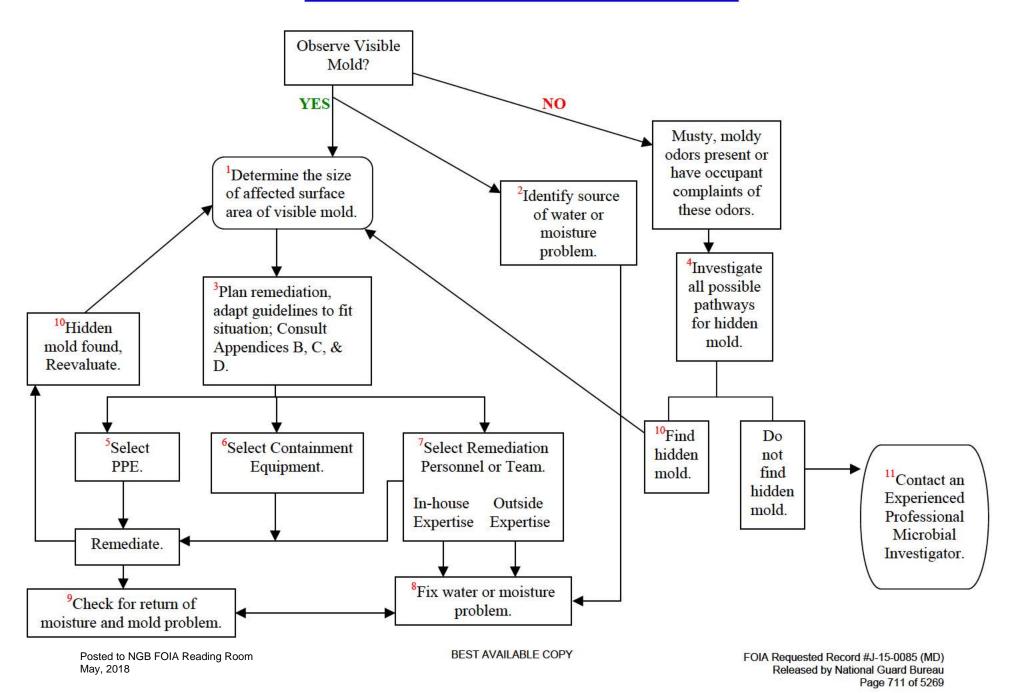
# References

- 1. USACHPPM Technical Guide 277, Army Facilities Management Information Document on Mold Remediation Issues, February 2002.
- 2. New York City Department of Health: Guidelines on Assessment and Remediation of Fungi in Indoor Environments. New York: New York City Department of Health, Bureau of Environmental & Occupational Disease Epidemiology, (April 2000) January 2002.
- 3. U.S. Environmental Protection Agency. *Mold Remediation in Schools and Commercial Buildings*, EPA 402-K-01-001, March 2001.
- 4. American Conference of Governmental Industrial Hygienists (ACGIH): *Bioaerosols: Assessment and Control*, edited by Janet Macher. Cincinnati, OH: ACGIH, 1999.
- 5. U.S. Environmental Protection Agency. *Should You Have the Air Ducts In Your Home Cleaned?* EPA-402-K-97-002. October 1997.
- 6. Institute of Inspection, Cleaning and Restoration Certification (IICRC). *IICRC S500*, *Standard and Reference Guide for Professional Water Damage Restoration*, 2<sup>nd</sup> edition. 1999.
- 7. Occupational Safety & Health Administration. *Respiratory Protection Standard*, 29 *Code of Federal Regulations 1910.134*. 63 FR 1152. January 8, 1998.
- 8. American Industrial Hygiene Association, *Report of Microbial Growth Task Force*, AIHA Press, Fairfax, VA, May 2001.

# **APPENDIX A**

# **MOLD INVESTIGATION DECISION LOGIC**

# MOLD INVESTIGATION DECISION LOGIC



# MOLD INVESTIGATION DECISION LOGIC NOTES:

- 1. Roughly approximate the total surface area of visible mold. Categorization of the remediation levels are sometimes borderline, so when trying to decide the category to apply, consider the extent of visible growth, such as a heavy blanket of growth on the surface, to barely visible. If heavy growth is apparent, consider moving up to the next level of protection.
- 2. Do not skip this step. Address the source of water or moisture problem or the mold will simply reappear.
- 3. Always protect the health and safety of the building occupants and remediators.
- 4. Mold may be hiding on the backside of drywall, vinyl wallpaper, or paneling, the top of ceiling tiles, the underside of carpets and pads. Check walls behind furniture, pipe chases and utility tunnels, porous thermal or acoustic liners inside ductwork, or check the rafters (due to roof leaks or insufficient insulation)<sup>3</sup>.
- 5. Utilize appendices B and C for remediation guidance. Use your best judgment during investigations, if not disturbing the mold you may need minimal to no PPE. Do not alarm building occupants unnecessarily, but protect yourself as necessary.
- 6. If the containment is working properly, the polyethylene sheeting will billow inwards on all surfaces. If it flutters or billows outward, containment has not been achieved, and you should find and correct the problem before starting your remediation activities<sup>3</sup>. Confirm negative pressure with smoke tubes.
- 7. Select remediation personnel who have the experience and training needed to implement the remediation plan.
- 8. You must completely fix or eliminate the water or moisture problem to solve the problem.
- 9. You should revisit the site(s) approximately two weeks after remediation, and it should show no signs of water damage or mold growth.
- 10. If you discover hidden mold, revise your plan by reassessing the size of moldy area.
- 11. If you believe that you have a hidden mold problem, you may want to consider hiring an experienced mold investigative professional.

# **APPENDIX B**

[Adapted from EPA 402-K-01-001, March 2001]

# **Mold Remediation Guidelines**

Appendix B presents remediation guidelines for building materials that have or are likely to have mold growth. The guidelines in Appendix B are designed to protect the health of occupants and cleanup personnel during remediation. These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods.

If you are considering cleaning your ducts as part of your remediation plan, you should consult EPA's publication entitled, Should You Have the Air Ducts In Your Home Cleaned? (5) Although this EPA document has a residential focus, the same concept applies to other building types. If possible, remediation activities should be scheduled during off-hours when building occupants are less likely to be affected.

Although the level of personal protection suggested in these guidelines is based on the total surface area contaminated and the potential for remediator and/or occupant exposure, professional judgment should always play a part in remediation decisions. These remediation guidelines are based on the size of the affected area to make it easier for remediators to select appropriate techniques, not on the basis of health effects or research showing there is a specific method appropriate at a certain number of square feet. The guidelines have been designed to help construct a remediation plan. The remediation manager will then use professional judgment and experience to adapt the guidelines to particular situations. When in doubt, caution is advised. Consult an experienced mold remediator for more information.

| Material or Furnishing<br>Affected                               | Cleanup<br>Methods† | Personal Protective Equipment                                                                                        | Containment                                                                                                           |
|------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                                  | SMALL - Total       | Surface Area Affected Less Than 10 squar                                                                             | re feet (ft²)                                                                                                         |
| Books and papers                                                 | 3                   |                                                                                                                      |                                                                                                                       |
| Carpet and backing                                               | 1, 3                |                                                                                                                      | None required                                                                                                         |
| Concrete or cinder block                                         | 1, 3                |                                                                                                                      |                                                                                                                       |
| Hard surface, porous flooring<br>(linoleum, ceramic tile, vinyl) | 1, 2, 3             | Minimum                                                                                                              |                                                                                                                       |
| Non-porous, hard surfaces (plastics, metals)                     | 1, 2, 3             | N-95 respirator, gloves, and goggles                                                                                 |                                                                                                                       |
| Upholstered furniture & drapes                                   | 1, 3                |                                                                                                                      |                                                                                                                       |
| Wallboard (drywall and<br>gypsum board)                          | 3                   |                                                                                                                      |                                                                                                                       |
| Wood surfaces                                                    | 1, 2, 3             |                                                                                                                      |                                                                                                                       |
|                                                                  | MEDIUM - T          | otal Surface Area Affected Between 10 and                                                                            | 1 100 ft <sup>2</sup>                                                                                                 |
| Books and papers                                                 | 3                   |                                                                                                                      |                                                                                                                       |
| Carpet and backing                                               | 1,3,4               |                                                                                                                      |                                                                                                                       |
| Concrete or cinder block                                         | 1,3                 |                                                                                                                      | Limited  Use professional judgment, consider potential for remediator/occupant exposure and size of contaminated area |
| Hard surface, porous flooring<br>(linoleum, ceramic tile, vinyl) | 1,2,3               | Limited or Full  Use professional judgment, consider potential for remediator exposure and size of contaminated area |                                                                                                                       |
| Non-porous, hard surfaces (plastics, metals)                     | 1,2,3               |                                                                                                                      |                                                                                                                       |
| Upholstered furniture & drapes                                   | 1,3,4               |                                                                                                                      |                                                                                                                       |
| Wallboard (drywall and<br>gypsum board)                          | 3,4                 |                                                                                                                      |                                                                                                                       |
| Wood surfaces                                                    | 1,2,3               |                                                                                                                      |                                                                                                                       |
|                                                                  |                     | face Area Affected Greater Than 100 ft <sup>2</sup> or<br>diator Exposure During Remediation Esti                    |                                                                                                                       |
| Books and papers                                                 | 3                   |                                                                                                                      |                                                                                                                       |
| Carpet and backing                                               | 1,3,4               |                                                                                                                      |                                                                                                                       |
| Concrete or cinder block                                         | 1,3                 |                                                                                                                      | Full  Use professional judgment, consider potential for remediator exposure and size of contaminated area             |
| Hard surface, porous flooring<br>(linoleum, ceramic tile, vinyl) | 1,2,3,4             |                                                                                                                      |                                                                                                                       |
| Non-porous, hard surfaces (plastics, metals)                     | 1,2,3               |                                                                                                                      |                                                                                                                       |
| Upholstered furniture & drapes                                   | 1,2,4               |                                                                                                                      |                                                                                                                       |
| Wallboard (drywall and<br>gypsum board)                          | 3,4                 |                                                                                                                      |                                                                                                                       |
|                                                                  |                     |                                                                                                                      |                                                                                                                       |

\*Use professional judgment to determine prudent levels of Personal Protective Equipment and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Assess the need for increased Personal Protective Equipment, if, during the remediation, more extensive contamination is encountered than was expected. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then the Occupational Safety and Health Administration (OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

†Select method most appropriate to situation. Since molds gradually destroy the things they grow on, if mold growth is not addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage/remediation expert. Please note that these are guidelines; other cleaning methods may be preferred by some professionals.

### **Cleanup Methods**

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried). Steam cleaning may be an alternative for carpets and some upholstered furniture.
- Method 2: Damp-wipe surfaces with plain water or with water and detergent solution (except wood —use wood floor cleaner); scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 4: Discard Remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

### **Personal Protective Equipment (PPE)**

- Minimum: Gloves, N-95 respirator, goggles/eye protection
- Limited: Gloves, N-95 respirator or half-face respirator with HEPA filter, disposable overalls, goggles/eye protection
- Full: Gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter

### Containment

- Limited: Use polyethylene-sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.
- Full: Use two layers of fire-retardant polyethylene sheeting with one airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

Table developed from literature and remediation documents including Bioaerosols: Assessment and Control (American Conference of Governmental Industrial Hygienists, 1999) (4) and IICRC S500, Standard and Reference Guide for Professional Water Damage Restoration, (Institute of Inspection, Cleaning and Restoration, 1999) (6)

# APPENDIX C

[Adapted Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# PERSONAL PROTECTIVE EQUIPMENT

# **Skin and Eye Protection**

Gloves are required to protect the skin from contact with mold allergens (and in some cases mold toxins) and from potentially irritating cleaning solutions. Long gloves that extend to the middle of the forearm are recommended. The glove material should be selected based on the type of materials being handled. If you are using a strong cleaning solution, you should select gloves made from natural rubber, neoprene, nitrile, polyurethane, or polyvinyl chloride (PVC). If you are using a mild detergent or plain water, ordinary household rubber gloves may be used. To protect your eyes, use properly fitted goggles or a full-face respirator with HEPA filter. Goggles must be designed to prevent the entry of dust and small particles. Safety glasses or goggles with open vent holes are not acceptable.

# **Respiratory Protection**

Respirators protect cleanup workers from inhaling airborne mold, mold spores, and dust. Respiratory protection used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended(7). All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional before wearing a respirator.

- Minimum: When cleaning up a small area affected by mold, you should use an N-95 respirator. This device covers the nose and mouth, will filter out 95% of the particulates that pass through the filter. In situations where a full-face respirator is in use, additional eye protection is not required.
- Limited: Limited PPE includes use of a half-face or full-face air-purifying respirator (APR) equipped with a HEPA filter cartridge. These respirators filter mold particles in the air. Note that half-face APRs do not provide eye protection. In addition, the HEPA filters do not remove vapors or gases. You should always use respirators approved by the National Institute for Occupational Safety and Health.
- Full: In situations in which high levels of airborne dust or mold spores are likely or when intense or long-term exposures are expected (e.g., the cleanup of large areas of contamination), a full-face, powered air-purifying respirator (PAPR) is recommended. Full-face PAPRs use a blower to force air through a HEPA filter. The HEPA-filtered air is supplied to a mask that covers the entire face or a hood that covers the entire head. The positive pressure within the mask or hood prevents unfiltered air from entering through penetrations or gaps. Individuals must be trained to use their respirators before they begin remediation.

# **Disposable Protective Clothing**

Disposable clothing is recommended during a medium or large remediation project to prevent the transfer and spread of mold to clothing and to eliminate skin contact with mold.

- Limited: Disposable paper overalls can be used.
- Full: Mold-impervious disposable head and foot coverings, and a body suit made of a breathable material, such as TYVEK®, should be used. All gaps, such as those around ankles and wrists, should be sealed (many remediators use duct tape to seal clothing).

®TYVEK, DuPont de Nemours, E.I., & Co., Wilmington, DE.

# APPENDIX D

[Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# CONTAINMENT GUIDANCE

### Containment

The purpose of containment during remediation activities is to limit release of mold into the air and surroundings, in order to minimize the exposure of remediators and building occupants to mold. Mold and moldy debris should not be allowed to spread to areas in the building beyond the contaminated site.

The two types of containment recommended in Appendix B are limited and full. The larger the area of moldy material, the greater the possibility of human exposure and the greater the need for containment. In general, the size of the area helps determine the level of containment. However, a heavy growth of mold in a relatively small area could release more spores than a lighter growth of mold in a relatively large area. Choice of containment should be based on professional judgment. The primary object of containment should be to prevent occupant and remediator exposure to mold.

# **Containment Tips**

- Always maintain the containment area under negative pressure.
- Exhaust fans to outdoors and ensure that adequate makeup air is provided.
- If the containment is working, the polyethylene sheeting should billow inwards on all surfaces. If it flutters or billows outward, containment has been lost, and you should find and correct the problem before continuing your remediation activities.

# **Limited Containment**

Limited containment is generally recommended for areas involving between 10 and 100 square feet (ft<sup>2</sup>) of mold contamination. The enclosure around the moldy area should consist of a single layer of 6-mil, fire-retardant polyethylene sheeting. The containment should have a slit entry and covering flap on the outside of the containment area. For small areas, the polyethylene sheeting can be affixed to floors and ceilings with duct tape. For larger areas, a steel or wooden stud frame can be erected and polyethylene sheeting attached to it. All supply and air vents, doors, chases, and risers within the containment area must be sealed with polyethylene sheeting to

minimize the migration of contaminants to other parts of the building. Heavy mold growth on ceiling tiles may impact HVAC systems if the space above the ceiling is used as a return air plenum. In this case, containment should be installed from the floor to the ceiling deck, and the filters in the air-handling units serving the affected area may have to be replaced once remediation is finished.

The containment area must be maintained under negative pressure relative to surrounding areas. This will ensure that contaminated air does not flow into adjacent areas. This can be done with a HEPA-filtered fan unit exhausted outside of the building. For small, easily contained areas, an exhaust fan ducted to the outdoors can also be used. The surfaces of all objects removed from the containment area should be remediated/cleaned prior to removal. The remediation guidelines outlined in Appendix B can be implemented when the containment is completely sealed and is under negative pressure relative to the surrounding area.

# **Full Containment**

Full containment is recommended for the cleanup of mold-contaminated surface areas greater than 100 ft<sup>2</sup> or in any situation in which it appears likely that the occupant space would be further contaminated without full containment. Double layers of polyethylene should be used to create a barrier between the moldy area and other parts of the building. A decontamination room or airlock should be constructed for entry into and exit from the remediation area. The entryways to the airlock from the outside and from the airlock to the main containment area should consist of a slit entry with covering flaps on the outside surface of each slit entry. The chamber should be large enough to hold a waste container and allow a person to put on and remove PPE. All contaminated PPE, except respirators, should be placed in a sealed bag while in this chamber. Respirators should be worn until remediators are outside the decontamination chamber. PPE must be worn throughout the final stages of HEPA vacuuming and damp-wiping of the contained area. PPE must also be worn during HEPA vacuum filter changes or cleanup of the HEPA vacuum.

Local Reproduction is Authorized and Encouraged.





# **Industrial Hygiene Study**

National Guard Facility 5<sup>th</sup> Regiment Armory 29<sup>th</sup> Division Street Baltimore, Maryland 21201

# Prepared for:

National Guard Bureau Region North IH Office 301-IH Old Bay Lane Havre de Grace, Maryland 21078

### Prepared by:

The El Group, Inc. 2101 Gateway Centre Blvd. Morrisville, North Carolina 27560

Report Date: December 30, 2008

Project ID: IHMO080101.03



Manager, Charlotte Operations



**Senior Industrial Hygienist** 

### **TABLE OF CONTENTS**

| Executive Summary      | 3  |
|------------------------|----|
| Operation Description  | 4  |
| Noise                  | 4  |
| Lead Testing           | 4  |
| Lighting               | 6  |
| Indoor Air Quality     | 7  |
| Suspect ACBM           | 10 |
| Maintenance Bay        | 10 |
| Ventilation Assessment | 10 |
| Limitations            | 11 |
| References             | 11 |

# **List of Appendices**

Appendix A: Photographs

Appendix B: Laboratory Analysis Report

### **EXECUTIVE SUMMARY**

An industrial hygiene survey was conducted August 1, 2008 at the Armory Facility located in Baltimore, Maryland. The study was performed by Mr. Non-Responsive, CIH.

Employees were not performing tasks that provided excessive noise levels, as such; noise exposure monitoring was not conducted.

Lighting within the facility was also evaluated. Lighting was found to be within applicable recommended levels.

Various surfaces within the HVAC system and throughout the facility were screened for lead. The screening was completed using surface/wipe and air samples. None of the air samples collected were found to have detectable levels of the respective lead contaminant. Lead contamination was identified in the old firing range roof mounted HVAC system above Room M10.

Indoor air quality parameters were also evaluated during the assessment. Indoor air quality was found to be within those parameters established by the Environmental Protection Agency (EPA) and American Society of Heating, Refrigerating, and Airconditioning Engineers, Inc. (ASHRAE). The firing range is inactive but could have contributed to lead exposure to building occupants. Lead identified in the HVAC system could originate from outdoor environmental sources.

During the assessment, written programs for Health and Safety, NESHAP Operations and Maintenance Asbestos Survey, and the Hazard Communication Program were requested for review, however, the onsite personnel was not able to locate the documents.

May, 2018

### **Operation Description**

The 5<sup>th</sup> Regiment Armory primarily serves as an office setting and equipment storage facility. The facility consists of a four story response center that contains office spaces, decommissioned gun range, and storage areas.

The exterior walls of the building were constructed of stone. The interior walls were composed of a combination of concrete block, stone and sheetrock. The roof of the facility consisted of a built-up roof system. The heating, ventilating, and air conditioning system (HVAC) consisted of a split direct-expansion (DX) systems mounted on the roof. The floors were composed of a poured concrete slab and in some areas were finished with vinyl floor tiles or hard wood flooring. The ceilings were generally finished with a suspended drop ceiling system.

Site personnel at the time of the site assessment consisted of 70 administrative personnel. The employees on site were conducting general administrative work.

# **Noise Survey**

Employees were not performing tasks that provided excessive noise levels, as such; noise exposure monitoring was not conducted.

### Lead Testing

At the time of the assessment, no activities were observed which may lead to lead exposure. The facility contains an unoccupied room which was once an indoor firing range

Various surfaces within the facility were screened for lead using surface/wipe samples and the collection of air samples. Surface/wipe samples were collected using Ghost Wipe<sup>TM</sup> samples and were collected in accordance with the ASTM E 1792 protocols. Air samples were collected using 0.8 µm MCE cassettes attached to low volume air sampling pumps. Blank samples were submitted to the laboratory for quality control purposes. Samples were sent to AMA Analytical Services, Inc., in Lanham, MD for lead analysis using EPA Method 600/R-93/200 (M)-7420. A copy of the laboratory analysis report can be found in Appendix B.

**Lead Testing Results Summary** 

| Location                                                      | Air<br>ug/m³ | Surface<br>ug/ft² | Chip<br>%Pb |
|---------------------------------------------------------------|--------------|-------------------|-------------|
| 5-1: Drill Floor                                              | <2.2         | _                 |             |
| 5-2: Old Firing Range                                         | <2.3         |                   |             |
| 5-3: Class Room 4                                             | <2.4         |                   |             |
| 5-4: Blank: Air                                               | <3           |                   |             |
| 5-S-1: 4 <sup>th</sup> FIr Kitchen Oven Top                   |              | <110              |             |
| 5-S-2: 4 <sup>th</sup> FIr Kitchen Floor                      |              | <110              |             |
| 5-S-3: Mezz Floor at M8                                       |              | <110              |             |
| 5-S-4: Drill Floor at D25/D26                                 |              | 1,000             |             |
| 5-S-5: Firing Range LEV                                       |              | 2,300             |             |
| 5-S-6: Firing Range Floor                                     |              | 710               |             |
| 5-S-7<br>Roof Level: HVAC @ Drive Motor<br>Above Room M10/M11 |              | 520               |             |
| 5-S-8<br>Roof Level: HVAC Return side<br>Above Room M10/M11   |              | 970               |             |
| 5-C-1 Firing Range Wall                                       |              |                   | 0.29        |
| 5-C-2 : Basement Restroom – Men White                         |              |                   | <0.011      |
| 5-C-3: Basement Door<br>Green@ Classroom 1                    |              |                   | 11          |
| 5-C-4: Wall – Basement Wall<br>Publications Office            |              |                   | 1.2         |
| 5-C-5: Basement Door<br>Black @ Classroom 1                   |              |                   | 3.7         |
| 5-C-6: Basement Restroom – Men (Blue)Blue                     |              |                   | <0.0092     |
| 5-C-7: Hallway at Classroom 1 (Red)                           |              |                   | 0.01        |
| 5-C-8: Hall Wall @ Firing Range (White)                       |              |                   | 0.075       |
| 5-C-9: Radiator Room M25 (Green)                              |              |                   | <0.0093     |
| 5-C-10: Wall @ M8                                             |              |                   | 0.024       |
| Criteria                                                      | 50           | 200               | 0.5         |

Key: ND – None Detected PB – Lead

Detectable levels of lead were identified throughout the facility, specifically in the former indoor firing range, roof top mechanical unit and drill floor. The National Guard Bureau currently utilizes 200 ug/ft² as a benchmark for identifying contaminated surfaces. In the" Derivation of Wipe Surface Screening Levels for Environmental Chemicals", the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) has determined that 200 ug/ft² is a satisfactory surface contamination level unless the facility is utilized as a childcare facility. In such cases, HUD levels of 40  $\mu$ g/ft² on floors and 250  $\mu$ g/ft² on windowsills should be observed.

No detectable levels of lead were identified in those air samples collected. Currently, OSHA observed an 8-hour time weighted average of 50 ug/m³. Deteriorated paint was observed throughout the facility.

Delaminated paint was mostly due to age along with prolonged exposure to elevated humidity levels. Deteriorated paint was observed on the Drill Floor at between Rooms D26 and D27, Room D7, Old Firing Range, hallway at Basement Classroom 1 outside of the old motor room, basement level restroom at garage entrance, hallway between Basement Classroom 1 and 2 and mezzanine level hallway between rooms M6 and M9.

Samples collected from the basement level door adjacent to Classroom 1 and the wall in the Publications office were found to be lead-based paint.

## **Lighting**

A lighting assessment was conducted throughout the facility. The survey was conducted with large bay doors closed. Measurements were collected using a Cooke Cal-Light 400L Precision Light Meter (Serial No. 98047EL). The light meter was last calibrated on February 22, 2008. Measurements collected were compared to ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

**Light Survey Assessment Summary** 

| Light Survey Assessment Summary |                                       |                                       |                                       |
|---------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Location                        | Foot Candles                          | Recommended<br>Lighting               | Sufficient<br>Lighting                |
| Basement: Firing Range          | 73-92                                 | 30-50                                 | Yes                                   |
| Basement: Classroom 3           | 58-67                                 | 30-50                                 | Yes                                   |
| Basement: Classroom 4           | 59-65                                 | 30-50                                 | Yes                                   |
| Basement: Parking Area          | 6-8                                   | 10                                    | NO                                    |
| Basement: Archives Room         | 32-38                                 | 30                                    | Yes                                   |
| Basement: Publications Room     | 11-26                                 | 30-50                                 | Yes                                   |
| Basement: Supply Office         | 37-58                                 | 30-50                                 | Yes                                   |
| Basement: Classroom 1           | 47-65                                 | 30-50                                 | Yes                                   |
| Basement: Classroom 2           | 52-68                                 | 30-50                                 | Yes                                   |
| First: D29                      | 111-122                               | 30-50                                 | Yes                                   |
| First: D28                      | 39-58                                 | 30-50                                 | Yes                                   |
| First: D27 – Copy Room          | 36-58                                 | 10                                    | Yes                                   |
| First: D25                      | 39-62                                 | 30-50                                 | Yes                                   |
| ·                               | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |

| First: D24                                            | 14-43   | 30-50 | Yes |
|-------------------------------------------------------|---------|-------|-----|
| First: D21                                            | 21-48   | 30-50 | Yes |
| First: D20A                                           | 33-46   | 30-50 | No  |
| First: D9                                             | 41-70   | 30-50 | Yes |
| First: D7                                             | 35-81   | 30-50 | Yes |
| First: D3                                             | 47-59   | 30-50 | Yes |
| First: Drill Floor                                    | 40-52   | 30-50 | Yes |
| Second: 27                                            | 88-103  | 30-50 | Yes |
| Second: 20                                            | 80-97   | 30-50 | Yes |
| Second: 19                                            | 79-88   | 30-50 | Yes |
| Second: 16                                            | 48-123  | 30-50 | Yes |
| Second: 15                                            | 80-128  | 30-50 | Yes |
| Second: 14                                            | 97-156  | 30-50 | Yes |
| Second: Hall/Balcony                                  | 25-37   | 5     | Yes |
| Second: 12                                            | 64-108  | 30-50 | Yes |
| Second: 11                                            | 52-91   | 30-50 | Yes |
| Second: 10                                            | 119-160 | 30-50 | Yes |
| Second: 8                                             | 91-135  | 30-50 | Yes |
| Second: 5                                             | 98-123  | 30-50 | Yes |
| Second: 4                                             | 89-112  | 30-50 | Yes |
| Second: 30                                            | 21-40   | 30-50 | Yes |
| Second: 29                                            | 61-87   | 30-50 | Yes |
| Second 28                                             | 83-101  | 30-50 | Yes |
| Second: 13 – Lavatory                                 | 20-26   | 5     | Yes |
| Second: 27A - Lavatory                                | 18-24   | 5     | Yes |
| Mezzanine: M27                                        | 10-33   | 30-50 | Yes |
| Mezzanine: M25                                        | 120-139 | 30-50 | Yes |
| Mezzanine: M22                                        | 28-41   | 30-50 | Yes |
| Mezzanine: M15                                        | 48-128  | 30-50 | Yes |
| Mezzanine: M16                                        | 52-97   | 30-50 | Yes |
| Mezzanine: M11: Lavatory                              | 37-58   | 5     | Yes |
| Mezzanine: M9                                         | 48-115  | 30-50 | Yes |
| Mezzanine: M8                                         | 127-143 | 30-50 | Yes |
| Mezzanine: M7                                         | 89-114  | 30-50 | Yes |
| Mezzanine: M6                                         | 84-113  | 30-50 | Yes |
| Mezzanine: Hall/Balcony                               | 39-51   | 5     | Yes |
|                                                       |         |       |     |
| 4 <sup>th</sup> : Dining<br>4 <sup>th</sup> : Kitchen | 65-89   | 10    | Yes |

## **Indoor Air Quality**

Survey measurements were made for ventilation and comfort parameters (carbon dioxide, temperature, and relative humidity). The air quality measurements were collected using direct reading instrumentation for comfort parameters using a Fluke IAQ Meter, Model 975. The IAQ Meter was last calibrated in April 2008.

The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) have developed indoor air quality guidelines for mechanically ventilated office buildings and commercial settings (ASHRAE standard 62.1-2007). ASHRAE specifies temperature and relative humidity ranges for human comfort (ASHRAE 55-2004). The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, recommends maintaining a relative humidity range between 30 to 60% in occupied areas.

The recommendations for temperature and humidity are based on seasonal and regional influences to allow comfort for 80% of a building's population.

### First Floor

The temperature readings from the interior of the structure ranged from 71.8°F to 80.6°F with relative humidity readings ranging from 41.3% to 60.8%. During the survey, CO<sub>2</sub> levels ranged from 486 ppm to 709 ppm.

### Second Floor

The temperature readings from the interior of the structure ranged from 70.9°F to 78.8°F with relative humidity readings ranging from 42.8% to 62.3%.

During the survey, CO<sub>2</sub> levels ranged from 416 ppm to 619 ppm.

A water intrusion event was ongoing in second floor rooms 27, 26 and 25. The Facilities Department was aware of the condition. Water intrusion was occurring from above the second floor ceiling. The source of the water intrusion was suggested by Facilities to be related condensation on the chiller lines. The occupants in Suite 27 used waste cans for water collection and covered several desks with poly sheeting.

Water damaged ceiling panels were identified in Rooms 27, 4, 10, 11 and 30. Water intrusion appeared to be condensation from above the ceiling grid.

### Mezzanine Floor

The temperature readings from the interior of the structure ranged from 70.2°F to 82.4°F with relative humidity readings ranging from 41.1% to 60.2%.

During the survey, CO<sub>2</sub> levels ranged from 422 ppm to 700 ppm.

### Basement Level

The temperature readings from the interior of the structure ranged from 72.3°F to 83.3°F with relative humidity readings ranging from 41.6% to 51.9%. 2 ppm of carbon monoxide was detected throughout the parking area of the basement. Carbon monoxide was not detected within any other occupied area.

During the survey, CO<sub>2</sub> levels ranged from 486 ppm to 709 ppm. Based on the outdoor levels observed at the time of the testing, the maximum indoor concentration of CO<sub>2</sub>

recommended is 1,119 ppm (419 ppm + 700 ppm). The results of the testing met the ASHRAE guidelines.

**IAQ Assessment Summary** 

|                      | IAQ ASSE        | ssment Summary       | /                 |                    |
|----------------------|-----------------|----------------------|-------------------|--------------------|
| Location             | Temperat<br>ure | Relative<br>Humidity | Carbon<br>Dioxide | Carbon<br>Monoxide |
|                      | (°F)            | (%)                  | (ppm)             | (ppm)              |
| D27 Copy Rm          | 76.1            | 43.8                 | 537               | 0                  |
| D26 Office           | 77.2            | 53.0                 | 572               | 0                  |
| D24 Office           | 78.8            | 41.6                 | 661               | 0                  |
| D21                  | 80.6            | 41.7                 | 709               | 0                  |
| D9 Office            | 74.2            | 41.3                 | 552               | 0                  |
| D28 Office           | 74.3            | 44.2                 | 555               | 0                  |
| D29 Office           | 75.2            | 48.0                 | 560               | 0                  |
| D29 Office           | 76.1            | 45.7                 | 546               | 0                  |
| Mezz – Rec Room      | 80.6            | 67.2                 | 453               | 0                  |
| 27 Office            | 75.2            | 48.2                 | 541               | 0                  |
| 16 Office            | 71.4            | 55.2                 | 424               | 0                  |
| 16A Office           | 71.6            | 55.8                 | 416               | 0                  |
| 15 Office            | 70.9-71.6       | 53.4-56.3            | 419-541           | 0                  |
| Mezzanine            | 77.9            | 62.3                 | 482               | 0                  |
| 12                   | 70.3            | 47.4                 | 508               | 0                  |
| 10                   | 72.5            | 42.8                 | 570               | 0                  |
| 5                    | 73.4            | 47.2                 | 493               | 0                  |
| 4                    | 75.2            | 56.8                 | 550               | 0                  |
| 29                   | 78.8            | 53.0                 | 469               | 0                  |
| 28                   | 73.4            | 47.6                 | 464               | 0                  |
| M27                  | 77.0            | 41.1                 | 452               | 0                  |
| M25                  | 70.2            | 45.7                 | 482               | 0                  |
| M23                  | 74.3            | 50.1                 | 553               | 0                  |
| M15                  | 76.1            | 44.2                 | 700               | 0                  |
| M16                  | 78.8            | 51.6                 | 700               | 0                  |
| Mezz Level Hall      | 82.4            | 55.3                 | 422               | 0                  |
| M9                   | 76.0            | 46.2                 | 615               | 0                  |
| M8                   | 74.3            | 41.5                 | 515               | 0                  |
| M7                   | 77.0            | 50.5                 | 559               | 0                  |
| M6                   | 74.3            | 44.1                 | 623               | 0                  |
| Basement-Garage      | 83.3            | 51.9                 | 673               | 2                  |
| Basement-Old IFR     | 73.1            | 49.6                 | 415               | 0                  |
| Basement-Classroom 3 | 82.4            | 42.1                 | 419               | 0                  |
| Supply Office        | 77.3            | 41.1                 | 484               | 0                  |
| Publication Office   | 77.9            | 46.8                 | 514               | 0                  |
| Archives Office      | 80.6            | 46.7                 | 571               | 0                  |
| Criteria             | 73.0-79.0       | 30-50                | <1,119            | <9.0               |

Based on a review of the indoor air quality parameters, no areas were found to exceed their recommended level

Air quality samples were collected from Rooms D7 (First Floor), Suite 12 (Second Floor), Suite 4 (Second Floor) and Suite 27 (Second Floor) as well as outdoors (as control). Indoor fungal spore levels ranged from 578 to 1,070 spores/m³. The concentration observed outdoors was found to be 5,620 spores/m³. The highest indoor concentration was identified in D7. Suite 27 was found to have a slight amplification in *Aspergillus/Penicillium* levels compared to both indoor samples as well as the outdoor control. Suite 27 was also found to have the most significant amount of moisture impacted ceiling tiles as well as several individual offices using waste cans to collect condensation/water intrusion.

| Location              | Concentration           | Predominant Genera      |
|-----------------------|-------------------------|-------------------------|
| D7 – Facility Manager | 1,070 sp/m <sup>3</sup> | Basidiospores           |
| 12                    | 744                     | Basidiospores           |
| 4                     | 661                     | Basidiospores           |
| 27                    | 578 sp/m <sup>3</sup>   | Aspergillus/Penicillium |
| Outdoors              | 5,620 sp/m <sup>3</sup> | Basidiospores           |

### Suspect Asbestos Containing Building Materials

Suspect asbestos containing materials include sheetrock/joint compound, plaster wall and ceiling systems, floor tiles and associated mastic, and vinyl covebase. Thermal system insulation was found to be a combination of paper wrapped fiberglass with PVC elbows and well as pre-formed TSI with mudded elbows. 9" x 9" floor tile was identified on stairwells and landings of the basement level.

### Maintenance Bay

No maintenance bay was identified at this facility.

### Ventilation System Assessment

The heating, ventilating, and air conditioning system (HVAC) consisted of a split direct-expansion (DX) system. Units were mounted on the roof of the facility. Dust loading was present on the supply diffusers, return vent and fiberglass insulation of the roof mounted units.

Lead levels of 520 and 970  $\mu$ g/ft<sup>2</sup> were identified on the interior insulation of one of the roof mounted units (Located above Room M10). The National Guard Bureau currently utilizes 200  $\mu$ g/ft<sup>2</sup> as a benchmark for identifying contaminated surfaces. In the Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) has determined that 200  $\mu$ g/ft<sup>2</sup> is a satisfactory surface contamination level unless the facility

is utilized as a childcare facility. Generally, the systems appeared to need a general cleaning of the diffusers, ductwork, interior insulation and coils. The fans could not be assessed at the time of the survey.

### <u>Limitations</u>

This report summarizes our evaluation of the conditions observed at the above referenced location. Our findings are based upon our observations and sampling results obtained at the facility at the time of our visit. The report, results, and subsequent recommendations reported herein are also limited to the information available at the time it was prepared and investigated. Conditions may have been in effect prior to the sampling events that have changed over time and which cannot be predicated within the scope of this limited investigation. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

This report is intended for the exclusive use of the client. This report and the findings herein shall not, in whole or in part, be relied upon by any other parties, disseminated or conveyed to any other party without prior written consent of the National Guard Bureau, and The El Group, Inc. The findings are relative to the dates of our site visits and should not be relied upon for substantially later dates.

### References

Title 29 Code of Federal Regulations (CFR), Part 1910, Occupational Safety and Health Administration.

Lead - (29 CFR 1910.1025(h))

American Conference of Governmental Industrial Hygienists (ACGIH) – Threshold Limit Values and Biological Exposure Indices, 2008 Edition

Industrial Ventilation: A Manual of Recommended Practice for Design, 25th Edition

Georgia Army National Guard: Standard Army Safety and Occupational Health Inspection Checklist; 1 October 1999 Edition

ANSI Z358.1 – 2004, Emergency Eye Wash and Shower Equipment

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Ventilation for Acceptable Indoor Air Quality, 62-1-2007.

RP-1-2004, Industrial Lighting, Illuminating Engineering Society of North America/ANSI

RP-7-2001, Industrial Lighting, Illuminating Engineering Society of North America/ANSI

National Emission Standard Hazardous Air Pollutants (NESHAP) - The standards for asbestos are contained in 40 CFR 61.140 through 61.157.

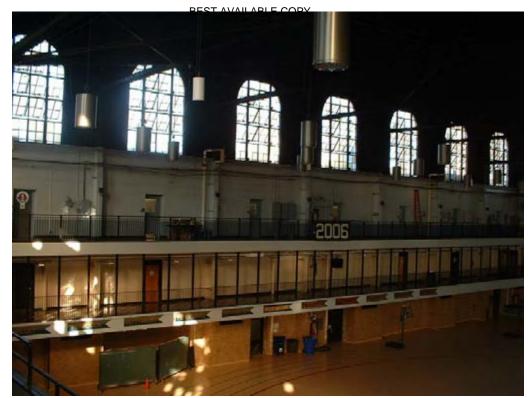
Environmental Protection Agency (EPA) standards (40 Code of Federal Regulations (CFR) 745.227(h)(3))

Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM)

The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation

# **Appendix A**

# **Photographs**



View of facility interior



Water damaged ceiling panels in Room 12 (2<sup>nd</sup> Floor)



Water damaged ceiling panels, Room 4



Typical small air conditioner observed throughout facility



Water damaged ceiling panels, Room 27



Containers used in Room 27 for water collection



Deteriorated paint on radiator, M25



Deteriorated paint on Drill Floor at Room D25



Deteriorated paint, hallway at M8



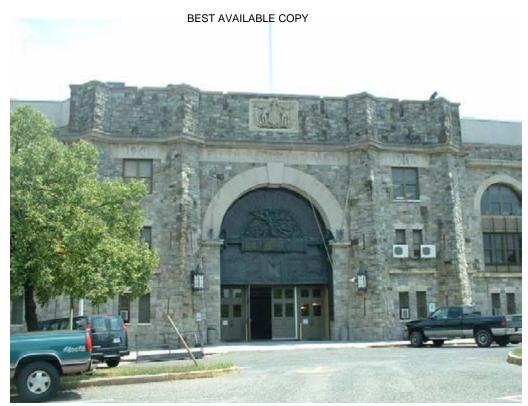
Deteriorated paint, Basement Hall at Classroom 1



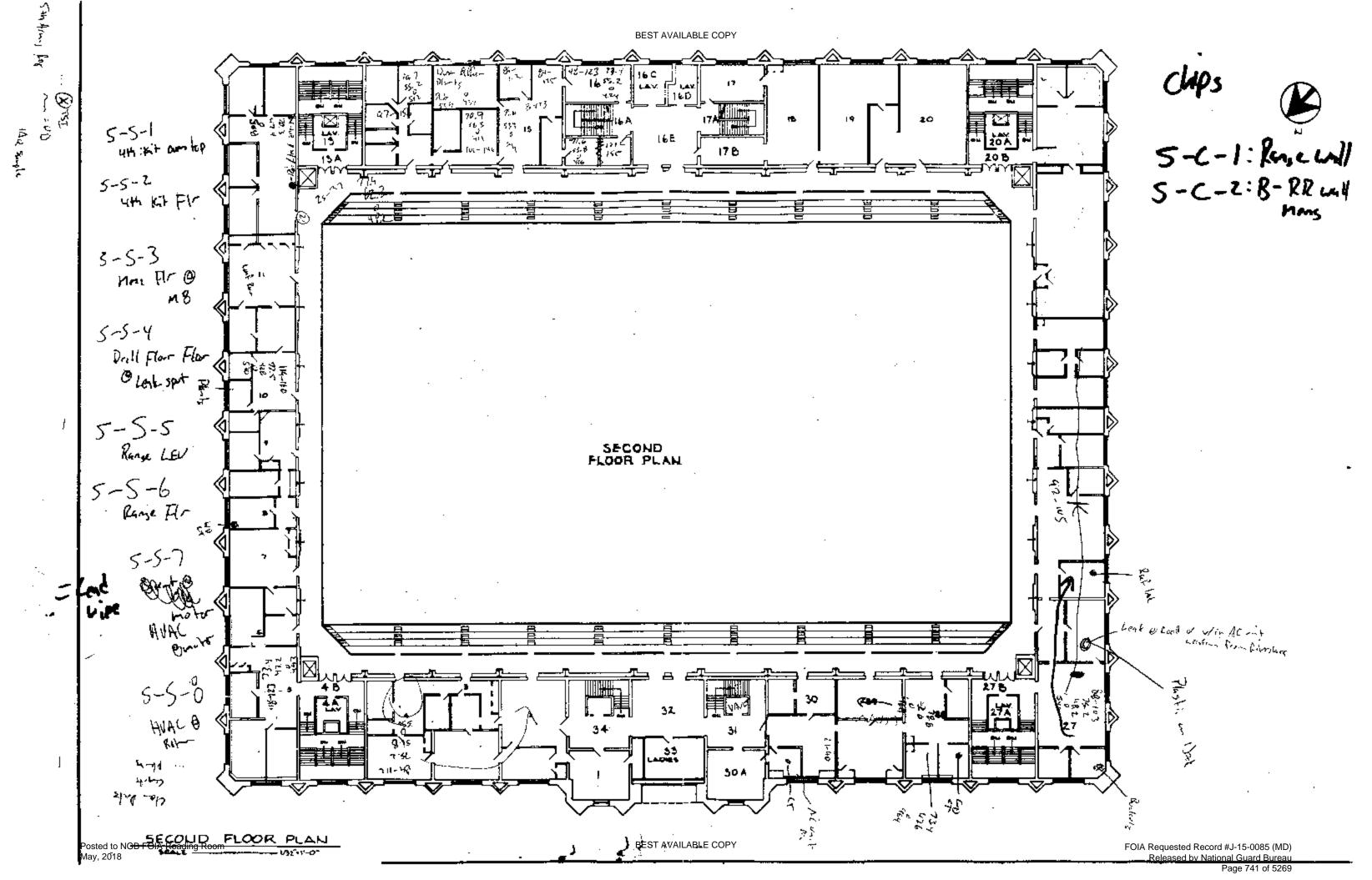
Interior of HVAC unit, room above M10

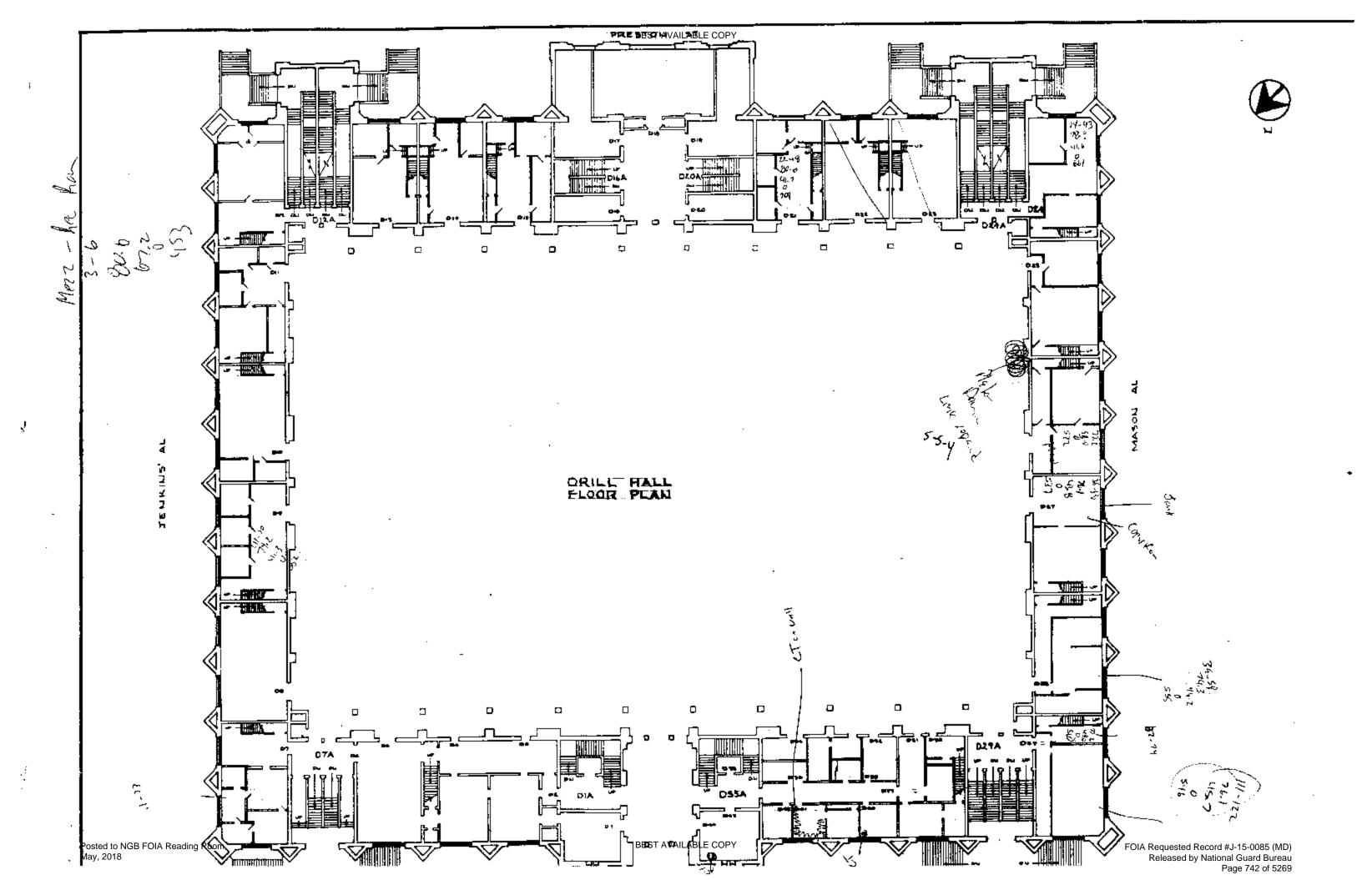


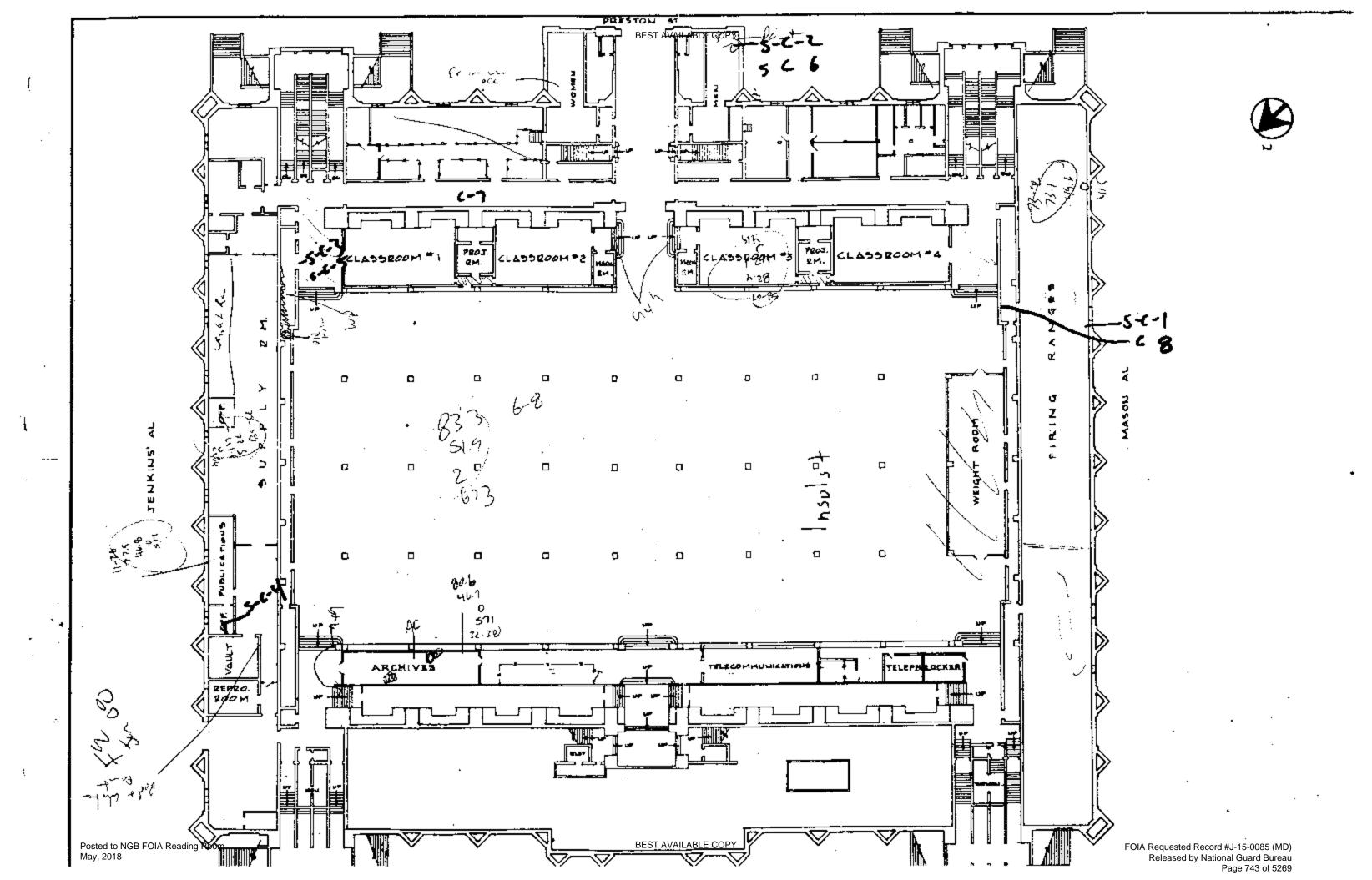
HVAC above M10, view of filter

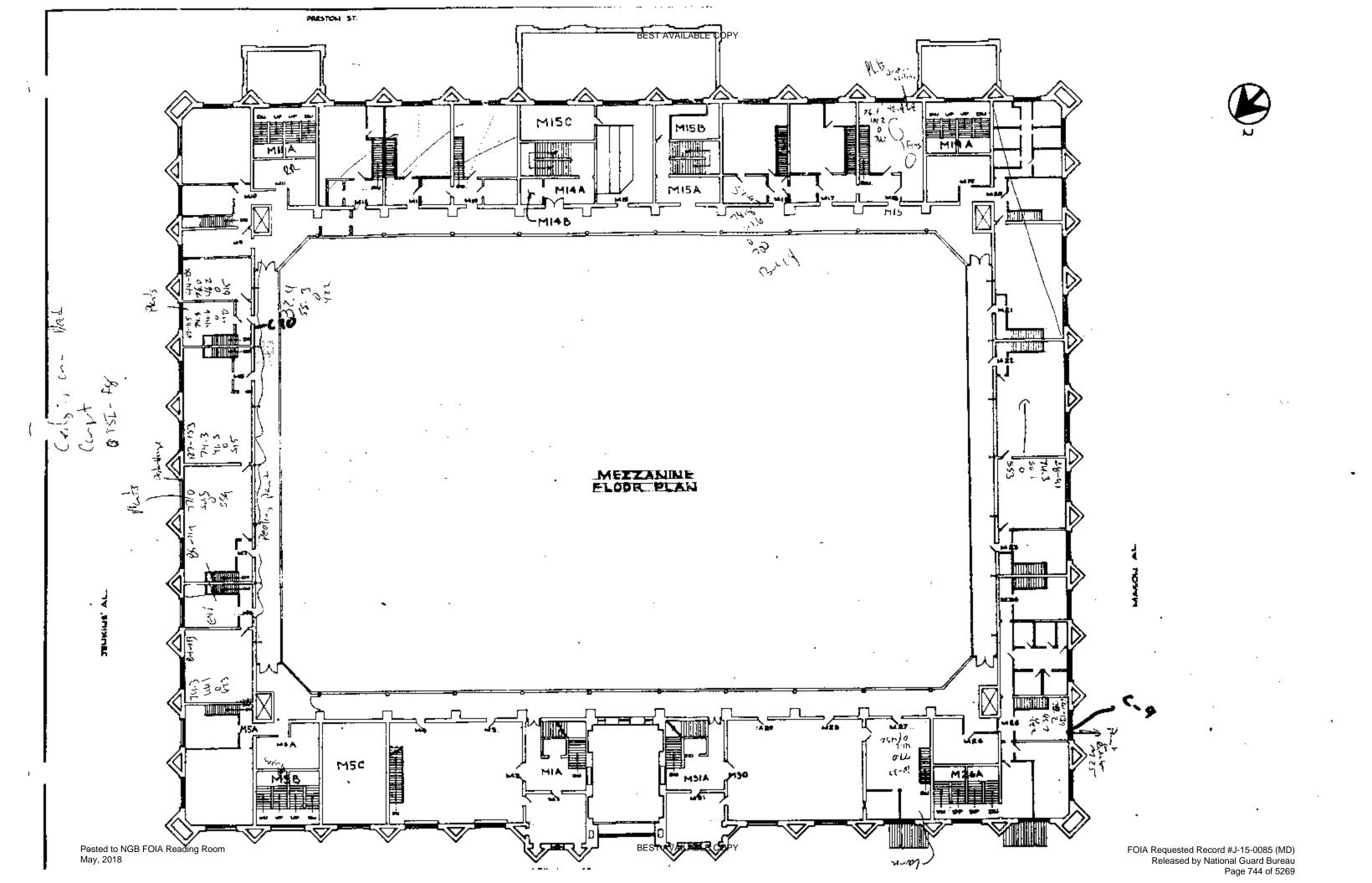


Exterior view of facility.









# Appendix B

# **Laboratory Analysis Report**



# CERTIFICATE OF ANALYSIS

ACCREDITED LABOURD

Address: Client: National Guard Bureau

Havre de Grace, Maryland 21078 State Military Reservation 301-JH Old Bay Lane, Attn: NGB-AVN-SI

Job Number: Job Location: P.O. Number: Not Provided Not Provided

Not Provided RC 484 5th Regiment, MD

Job Name:

Chain Of Custody:

9/4/2008 181401

Z

100470 Ш

Date Submitted:

Person Submitting:

Date Analyzed:

9/8/2008

Report Date:

9/11/2008

Requested Record #J-150085 (MD)
Released by National Guard Bureau
Page 746 of 5269

Page 1 of 2 Police Record #J

Comments

Summary of Atomic Absorption Analysis for Lead

Client Sample Number Analysis Type Sample Type Air Volume Arca Wiped Reporting Final Result

AMA Sample Number

Attention:

\*\*\* 111.52 ug/ft²

0.108

ug/ft²

ug/ft²

≘

=

Wipe Wipe Wipe Wipe Wipe Wipe Wipe \* \* \* \*\*\* \*\*\* \*\*\*

> 111.52 111.52 111.52 111.52

2300 <u>6</u>

ug/ft²

ug/ft² ug/ff²

BEST AVAILABLE COPY

սբ/Ո՞

111.52

 $ug/ft^2$ ug/ft² ug/ft²

ug/ft²

BEST AVAILABLE COPY

0882169 0882168

5-S-1 5-S-2

Flame

0882174

0882173 0882172 0882171 0882170

0882176 0882175

> 5-S-8 5-S-7 5-S-6 5-S-5 5-S-4 5-S-3

0882177

\*\*\*

Flame Flame Flame Flame Flame

Flame

Wipe Αir Air 1225 1279 1340

> 0.108 0.108 0.108 0.108 0.1080.108

111.52 111.52

ug/ft³

970 520

ug/ft² ug/ft²

næ/m³ mm/m²

£ mg/m<sup>3</sup> 2.35 2.24

Z X NA

2.45

ng/m³ ug/m² m/gu

N.A

Flame Flame Flame Flame Ą.

5 5-2 Ÿ

882182

6882183

5-C-4

Flame

Paint Chip

\*\*\*\*\*

N/A

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb

0.01

%Pb 0882178

4475 Forbes Blvd. · Lanham, MD, 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2543

AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Ξ

\*\*\*

Number:

0882187

0882188

5-C-10 5-C-9 5-C-8

Flame Flame Flame

Paint Chip Paint Chip Paint Chip

> \* \* \* \* \*\*\*

N/A X NA

0.01 0.01 0.01

%РЬ %РЪ %РЬ

# AMA Analytical Services, Inc.

Client:

National Guard Bureau

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

ACCREDITED LAG

Environmental Lead of the shadapoor of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the

Address: Attention: State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078

> Job Location: Job Name: Not Provided RC 484 5th Regiment, MD Chain Of Custody:

Not Provided Not Provided

P.O. Number: Job Number:

Summary of Atomic Absorption Analysis for Lead

Person Submitting Date Submitted:

9/4/2008

181401

Date Analyzed:

9/8/2008

Report Date:

Page 2 of 2 Requested Record #J 100470

Released by National Guard Bureau
Page 747 of 5269 11/2008 HJ Page 2 of 2 Requested Record

EST AVAILABLE COPY

NY ELAP accrediation applies only to paint chip, wipe, and water

associated with these sampes.

See QC Summary for analytical results of quality control samples

0.00930.024

%РЬ

0.075

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SN-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight N/A = Not Applicable ug = micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown

Note: All samples were received in good condition unless otherwise noted

should not be considered when interpreting the result

Air and Wipe results are not corrected for any blank results

Analy

sponsi

echnical Manager:

NGB FOIA Readi

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and hability for the accuracy and completeges of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government. All rights reserved

An AHA (#100470), NVLAP (101143-0), and NY ELAP (#10920) Accredited Laboratory

AMA Analytical Services, Inc.



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16555

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

9/9/2008

| Result |  |
|--------|--|
|        |  |

Percent Recovery Comment

| Preparation | Blank |
|-------------|-------|
|-------------|-------|

ррш

Acceptable

Report Limit Verification Sample

DDM

89.0%

Acceptable

Expected Spike Level (ppm)

0.3333

#Num! rog/Kg

Duplicate Sample 1 Duplicate Sample 2

4Numi

0.021

0.2968

mg/Kg

#Епот

APD

#Error

Matrix Spike Analysis

Spiked Sample

99 48%

Acceptable

Spike Duplicate

287 565

91 75%

Acceptable Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

μg 298 756 μд

98.50%

7,10%

Acceptable

### Calibration Information

Correlation of Calibration Curve.

0.999742

All colibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number AMA Sample Number Chain Of Custody BW1-4.W-01 81#30 503163

HWI.4 W-02 81831 103163

16555 SDG Number:

Page 1 of 2

# Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 503163           | 81832             | HWL-LW-03            |
| 503163           | 81833             | HWL/LW/04            |
| 503163           | 81834             | HWL-LW-05            |
| 503163           | 81835             | HW1-LW-05            |
| 503163           | 81836             | HW1-LW-07            |
| 503163           | R1R37             | HWL-LW-08            |
| 503163           | 81838             | HWL-1.W-09           |
| 503163           | 81839             | HWLst.W-10           |
| 503163           | 81840             | BWL-UW-FB1           |
| 181401           | 82168             | 5-S-1                |
| 181401           | 82169             | 5-S-2                |
| 181401           | 8217U             | 5-8-3                |
| 181401           | 82171             | 5-S-4                |
| 181401           | 82172             | 5-5-5                |
| 181401           | 82173             | 5-8-6                |
| 181401           | 82174             | 5-5-7                |
| 181401           | 82175             | 5-5-8                |
|                  |                   |                      |

SDG Number: 16555



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16553

Analysis Type:

Hame

Sample Type:

Ап

Analysis Date:

-0.021

0.2096

e Num!

#Numi

126,233

9/9/2008

Result

Percent Recovery Comment

Preparation Black

ppin

RPD

Report Limit Verification Sample

ррт 83.8°<sub>0</sub>

Acceptable

post Little Vertication Sempso

P**P**III

Acceptable

Expected Spike Lavel (ppm)

mg/Kg

Duplicate Sample I Duplicate Sample 2

mg/Kg

#Error #Error

Matrix Spike Analysis

..........

Acceptable

0.43%

039%

Spiked Sample
Snike Duplicate

104 24% 104 69%

103.92%

Acceptable

Spike Duplicate

Laboratory Control Sample 1

Laboratory Control Sample 2

133.054 µg

μg

103.51%

Acceptable Acceptable

Calibration Information

Correlation of Calibration Curve

0.909875

0.25

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

181397 181397 81999 81899 486-1

SDG Number:

16553

486-2

Page 1 of 2

# Samples included in this Sample Delivery Group $(S\bar{D}G)$

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 181397           | 81901             | 486-3                |
| 181401           | 82176             | 5-l                  |
| 181401           | 82177             | 5-2                  |
| 181401           | 82178             | 5-3                  |
| 181401           | 82179             | 5-4                  |
| 181430           | B2197             | 495-1                |
| 181430           | 82198             | 495-5                |
| 181430           | 82199             | 495-3                |
| 182583           | 82391             | 100-104              |
| 182583           | 82392             | 100-105              |
| 182583           | 82393             | LOC-106              |
| 182583           | 82394             | £(X'-107             |
| 182583           | 82395             | FCX108               |
| 182583           | 82396             | LOC-109              |
|                  |                   |                      |

SDG Number: 16583 Page 2 of 2



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16558

Analysis Type:

Flame

Sample Type:

Paint Chip

Analysis Date:

9/11/2008

|                                   | •       |       |                     |       |            |
|-----------------------------------|---------|-------|---------------------|-------|------------|
|                                   | Re      | sult  | Percent<br>Recovery | RPD   | Comment    |
| Preparation Blank                 | 0.000   | ppm   |                     |       | Acceptable |
| Report Limit Verification Sample  | 0.3947  | ррт   | 2 4%                |       | Acceptable |
| Expected Spike Level (ppm) 0 3333 |         |       |                     |       |            |
| Duplicate Sample t                | 39      | mg/Kg |                     |       |            |
| Duplicate Sample 2                | 40      | mg/Kg |                     | 3 87% | Acceptable |
| Matrix Spike Analysis             |         |       |                     |       |            |
| Spiked Sample                     |         |       | 103 61%             |       | Acceptable |
| Spike Duplicate                   |         |       | 114.08%             | 9.62% | Acceptable |
| Lehoratory Control Sample 1       | 487 576 | pg    | 101 91%             |       | Acceptable |
| Laboratory Control Sample 2       | 496 430 | PR.   | 98 71%              | 3.19% | Acceptable |

### Calibration Information

Correlation of Calabration Curve:

0.999705

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

82181

Chain Of Custody AMA Sample Number Client Sample Number 18(40) 82(80) 5-C-1

181401 SDG Number: 16558

Page 1 of 2

5-C-2

# Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 181401           | 82182             | 5-C-3                |
| 181401           | 82183             | S-C-4                |
| 181401           | R2184             | 5-C-5                |
| 181401           | 82185             | 5-C-6                |
| 181401           | 82186             | 5-C-7                |
| 181401           | 82187             | 5-C-8                |
| [8]40]           | 82188             | 5-0-9                |
| 181401           | 82189             | 5-0-10               |
| 182904           | 82385             | 6150-01              |
| 182904           | 82386             | 6150-02              |
| 182904           | 82387             | 6150-03              |
| 182904           | 82388             | 6150-04              |

SDG Number: 16558 Page 2 of 2

# AMA Analytical Services, Inc. Best Available COPY



Location

Comments

A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

# Spore Trap Analysis Report

Not Provided



Vince Marsto Job Number: Not Provided Person Submitting: Havre de Grace, Maryland 21078

Date Analyzed: Attention: Vince Marsto 9/8/2008 Report Dute: 0883191 0882190 AMA Sample# AMA Sample 4 5-5 Client ID 5-9 Client ID TLW

P.O. Number:

Analyst LD H.W Analyst ID Collection Apparetus Allergenco Allergenco Collection Apparatus Sample Volume (L) 150 150 Sample Volume (L) 28 28 Analytical Sensitivity (sp/m²) Analytical Sensitivity (sp/m²) Sample Condition Acceptable Sample Condition Acceptable

|                              | Raw CT. | %     | sp/m² |                            | Røw CT. | •/4   | sp/m³ |
|------------------------------|---------|-------|-------|----------------------------|---------|-------|-------|
| Alternaria                   |         |       | -     | Alternaria                 |         |       |       |
| Ascosports                   | 2       | 51%   | 45    | Ascospores                 | l       | 3.7%  | 28    |
| Aureobasidium                |         |       |       | Aureobasidium              |         |       |       |
| Basidiospores                | 19      | 48.7% | 523   | Busidioaporea              | 18      | 66.7% | 496   |
| Bipolari / Drechsters/ Kelm. |         |       |       | Bipolaris/Drechsters/Helm. |         |       |       |
| Boletus                      |         |       |       | Boletus                    |         |       |       |
| Borrytis                     |         |       |       | Bolrytis                   |         |       |       |
| Cercospors                   |         |       |       | Cercospora                 |         |       |       |
| Chaetomium                   |         |       |       | Chretomium                 |         |       |       |
| Cladesportum                 | 12      | 30.8% | 330   | Ciadosporium               | l       | 3.7%  | 28    |
| Coprieus                     |         |       |       | Coprinus                   |         |       |       |
| Curvutaria                   |         |       |       | Currotario                 |         |       |       |
| Ерісоссия                    |         |       |       | Epicoccom                  |         |       |       |
| Fuserium                     | Present |       | < 28  | Fasarium                   | : .     | 3 7%  | 28    |
| Ganoderma                    |         |       |       | Ganoderma                  |         |       |       |
| Nigrospora                   |         |       |       | Nigrospore                 |         |       |       |
| Penicillium / Aspergillus    | 4       | 10.3% | 110   | Penicillium / Aspergillus  | 5       | 18.5% | 138   |
| Pithomyces                   |         |       |       | Pithomyces                 | Present |       | < 28  |
| Rusts                        |         |       |       | Rusts                      |         |       |       |
| Smats/Periconia/Myxomycete   | s       |       |       | Smuts/Periconia/Myx0mycele | t s     |       |       |
| Stachybotrys                 |         |       |       | Stachybotrys               |         |       |       |
| Stemphylium                  |         |       |       | Stemphylium                |         |       |       |
| Trichoderma                  |         |       |       | Trichoderms                |         |       |       |
| Tarula                       |         |       |       | Torula                     |         |       |       |
| Ulocladium                   |         |       |       | l tocladium                |         |       |       |
| Zygomycetes                  |         |       |       | Zygomycetes                |         |       |       |
| Other Colorless              | 1       | 2.6%  | 28    | Other Colorless            | I       | 1.70m | 28    |
| l'aknowa                     | 1       | 26%   | 28    | l'aknowa                   |         |       |       |
| Hyphal Fragments*            | Present |       | . 28  | Hyphal Fragments*          |         |       |       |
| Pestalotia                   | Present |       | < 28  |                            |         |       |       |
| Futals Spore Concentration   |         |       | 1.070 | Forsis Spore Concentration |         |       | 744   |

Au AIHA (#100470), NV LAP (101143-0), and NY ELAP (#10920) Accredited Laboratory

Location

Comments

9/8/2008

# AMA Analytical Services, Inc. Best AVAILABLE COPY



A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

# Spore Trap Analysis Report

Client:

National Guard Bureau

Job Name:

RC 484 5th Regiment, MD

Chain Of Custody:

181401

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

9/4/2008

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

Not Provided

Person Submitting:

9/8/2008

Attention:

P.O. Number:

Not Provided

Date Analyzed: Report Date:

9/8/2008

0882192 AMA Sample # 5-6 Client ID Analyst ID TLW Allergenco Collection Apparatus 150 Sample Volume (L) 28 Analytical Sensitivity (sp/m³) Acceptable Sample Condition

AMA Sample # Client ID Analyst ID Collection Apparatus Sample Volume (L)

Sample Condition

Analytical Sensitivity (sp/m³)

0882193 5-7 TLWAllergenco 150 28

Acceptable

%

sp/m³

Raw CT.

| 1                           | Raw CT. | %     | sp/m³ |         |
|-----------------------------|---------|-------|-------|---------|
| Alternaria                  | i       |       |       | ĺ       |
| Ascospores                  | 3       | 12.5% | 83    | 4       |
| Aureobasidium               |         |       |       |         |
| Basidiospores               | 14      | 58.3% | 386   | : 1     |
| Bipolaris/Drechslera/Helm.  |         | 1     |       | : ]<br> |
| Boletus                     |         |       |       | ]       |
| Betrytis                    |         |       |       | ]       |
| Cercospora                  |         |       |       | •       |
| Chaetomium                  |         |       |       |         |
| Cladosporium                | 4       | 16.7% | 110   | •       |
| Coprinus                    | i       |       |       |         |
| Curvularia                  |         |       |       | !       |
| Epicoccum                   |         |       |       |         |
| Fusarium                    |         | !     |       |         |
| Ganoderma                   |         | i     |       |         |
| Nigrospora                  |         |       |       |         |
| Penicillium / Aspergillus   | Present | i     | < 28  | !       |
| Pithomyces                  |         |       |       |         |
| Rusts                       |         |       | 20    | i       |
| Smuts/Periconia/Myxomycetes |         | 4,2%  |       | 1       |
| Stachybotrys                | 1 .     | 4.2%  | 28    |         |
| Stemphylium                 |         | ļ     |       |         |
| Trichoderma                 | i i     |       |       |         |
| Torula                      |         |       |       |         |
| Ulocladium                  | : .     |       |       |         |
| Zygomycetes                 |         | 4.300 | 28    |         |
| Other Colorless             | 1<br>   | 4.2%  | 28    |         |
| Unknown                     | D       |       | < 28  |         |
| Hyphal Fragments*           | Present |       | < 28  |         |
|                             |         |       |       |         |

Alternaria 83 3 14.3% Ascospores Aureobasidium 19.0% 110 Basidiospores Bipolaris/Drechslera/Helm. Boletus **Botrytis** Cercospora Chaetomium 28 Present Cladosporium Coprinus Curvularia Epicoccum Fusarium Ganoderma Nigrospora 330 12 57.1% Penicillium / Aspergillus Pithomyces Rusts 28 Smuts/Periconia/Myxomycetes 4.8% Stachybotrys Stemphylium Trichoderma Torula Ulocladium Zygomycetes 28 4.8% Other Coloriess Unknown Hyphal Fragments\* 28 Polythrincium Present

**Totals Spore Concentration** Location

Location

**Totals Spore Concentration** 

Comments

661

578

Comments

# AMA Analytical Services, Inc. BEST AVAILABLE COPY



A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

# Spore Trap Analysis Report

Client:

National Guard Bureau

Job Name:

RC 484 5th Regiment, MD

Chain Of Custody:

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Date Submitted:

9/4/2008

State Military Reservation

Havre de Grace, Maryland 21078

Not Provided

Person Submitting:

Attention:

Job Number: P.O. Number: Not Provided Not Provided

Date Analyzed:

9/8/2008

Report Date:

9/8/2008

| AMA Sample #                   | 0882194    |
|--------------------------------|------------|
| Client ID                      | 5-8        |
| Analyst ID                     | TLW        |
| Collection Apparatus           | Allergenco |
| Sample Volume (L)              | 150        |
| Analytical Sensitivity (sp/m³) | 28         |
| Sample Condition               | Acceptable |

| 1                           | Raw CT. | %     | sp/m³ |
|-----------------------------|---------|-------|-------|
| Alternaria                  | 4       | 2.0%  | 110   |
| Ascospores                  | 17      | 8.3%  | 468   |
| Aureobasidium               | į       | i     | İ     |
| Basidiospores               | 92      | 45.1% | 2,530 |
| Bipolaris/Drechslera/Helm.  |         |       | į     |
| Boletus                     |         |       |       |
| Botrytis                    |         |       | i     |
| Cercospora                  | 1       | 0.5%  | 28    |
| Chaetomium                  | i       |       |       |
| Cladosporium                | 70      | 34.3% | 1,930 |
| Coprinus                    |         |       | *     |
| Curvularia                  | 1       | 0.5%  | 28    |
| Epicoccum                   | Present |       | < 28  |
| Fusarium                    | Present |       | < 28  |
| Ganoderma                   |         |       |       |
| Nigrospora                  |         |       |       |
| Penicillium / Aspergillus   | 9       | 4.4%  | 248   |
| Pithomyces                  | 1       | 0.5%  | 28    |
| Rusts                       |         |       | :     |
| Smuts/Periconia/Myxomycetes | 6       | 2.9%  | 165   |
| Stachybotrys                | :       |       |       |
| Stemphylium                 | i       | j     | i     |
| Trichoderma                 |         | : :   | :     |
| Torula                      | 2       | 1.0%  | 55    |
| Ulocladium                  |         |       |       |
| Zygomycetes                 | !       | . ;   |       |
| Other Colorless             |         |       |       |
| Unknown                     | Present | ļ į   | < 28  |
| Hyphal Fragments*           | 1       |       | 28    |
| Peronospora                 | 1       | 0.5%  | 28    |
| Pyricularia                 | Present |       | < 28  |
| Totals Spore Concentration  |         |       | 5,620 |
|                             |         |       |       |

Location

Comments

An AIHA (#100470), NVLAP (101143-0), and NY ELAP (#10920) Accredited Laboratory

# AMA Analytical Services, Inc. Best AVAILABLE COPY



A Specialized Environmental Laboratory

## CERTIFICATE OF ANALYSIS

# Spore Trap Analysis Report

Client:

National Guard Bureau

Job Name:

RC 484 5th Regiment, MD

Chain Of Custody:

181401

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Submitted:

9/4/2008

Address:

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

Not Provided

Person Submitting:

Non-Responsive

Attention:

Non-Responsive

P.O. Number:

Not Provided

Date Analyzed:

9/8/2008

Report Date:

9/8/2008

## General Comments, Disclaimers, and Footnotes

Analytical Method:

Sample are analyzed following the instructions and guidelines outlined in AMA Analytical Services, Inc. SOP 901.

Sample Condition:

Acceptable: The sample was collected and delivered to the our location without disturbing the material on the sampling

media

Unacceptable: 1. The sample is overloaded with material. 2. The sample trace has been disturbed. 3. The sample was

not collected properly.

Obscured: The loading on the sample is high, possibly obscuring spores present. The quantity reported

should be considered the minimum concentration present. The actual concentration may be higher than the

reported concentration.

Spore Notes:

Based on their small size and very few distinguishing characteristics, Aspergillus and Penicillium cannot be differentiated by non-viable sampling methods. There are other types of spores whose morphology is similar to Aspergillus and Penicillium and cannot be differentiated by non-viable sampling methods. Examples of these similar spores are Acremonium, Paecilomyces, Wallemia, and Trichoderma.

Smut, Periconia and Myxomycetes are three different types of organisms that have similar morphological characteristics.

Bipolaris/Dreschlera/Helm: Bipolaris / Dreschlera / Helminthosporium group.

Other Colorless represents all colorless spores that are non-distinctive and unidentifiable.

\* Hyphal Fragments: A portion of the mycelium that becomes separated from the remainder of the thallus (vegetative body), each of which has the capacity to grow and form new individuals. Results for hyphal fragments are in fragments/m³ and are not incorporated in the total spore concentration.

**Ouantification:** 

Analytical Sensitivity (A.S.): This is dependent on the volume of air collected and the amount of the trace that was analyzed.

The value of "Present" indicated in the Raw Count column represents the presence of this spore type during the preliminary exam at 400x. The Raw Count converts to a whole number if the spore type is encountered again during the 1,000x enumeration. The sp/m³concentration will be reported as less than the analytical sensitivity if "Present" is reported in the Raw Count.

Due to rounding, totals may not equal 100%

sp/m3: Spores per cubic meter.

Results are reported to 3 significant figures.

Non-Responsive

Analyst

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client.

SAMPLE CHAIN OF CUSTODY

| SAMPLE CHAIN OF         | C03100         |                |                                                   | 5th R             | cyment                                |
|-------------------------|----------------|----------------|---------------------------------------------------|-------------------|---------------------------------------|
| DATE SHIPPED # OF SAMPI |                | SAMPLE MEDIA T |                                                   |                   | Æ                                     |
| CONTACT                 | 7              |                |                                                   | B1401             |                                       |
| CONTACT                 | 57.            |                | 1 100 1 200                                       | E NUMBER          |                                       |
|                         |                | SAMPLE         | <u></u> _                                         | <del> </del>      |                                       |
| SAMPLE FOR AREA         | SAMPLE<br>DATE | YOLUME         | ANAL                                              | YSIS REQUE        | STED                                  |
| 4++ F1- K1 5-5-1        | 8/1/08         | 100 cm2        | Lead                                              | Wipt              |                                       |
| 5-5-2                   |                | 100 cm2        |                                                   |                   | · · · · · · · · · · · · · · · · · · · |
| 5-5-3                   |                | 100cm2         |                                                   |                   | <u></u>                               |
| 5-5-4                   |                | 100 cm 2       |                                                   |                   |                                       |
| 5-5-5                   |                | 100cm2         |                                                   |                   | *                                     |
| 5-5-6                   |                | 1000           | د د در رود در در در در در در در در در در در در در |                   | •                                     |
| 5-5-7                   |                | 100cm2         |                                                   |                   |                                       |
| 5-5-8                   |                | 100 cm2        |                                                   |                   |                                       |
| 5-1                     |                | 1339.752       | Lend                                              | Air               |                                       |
| 5-2                     |                | 1278.586       |                                                   |                   |                                       |
| 5-3                     |                | 1225.37        |                                                   |                   |                                       |
| 5 - 4                   |                | 0 6            | ·                                                 |                   |                                       |
| 5-6-1                   | -              |                | Lend                                              | $ch_{\partial}$   |                                       |
| T (1. 7                 |                |                |                                                   | ·                 |                                       |
| SC3                     | V              |                |                                                   | $\overline{\Psi}$ |                                       |
| Samples Relinquished By | Signatur       |                |                                                   | , id.<br>Dáis     | 700                                   |
| Samples Received By:    | Signatur       | e              |                                                   | /<br>Date         |                                       |
| Samples Analyzed By:    | Signatur       |                | :                                                 | Date              |                                       |

# SAMPLE CHAIN OF CUSTODY

| DATE SHIPPED # OF SAME   | ∍LES                                    | SAMPLE MEDIA  | TYPE PR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | OJECT NAME     |
|--------------------------|-----------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                          | 7.7                                     |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 181401         |
| CONTACT                  |                                         |               | TELEPHONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NUMBER         |
|                          | n e e e e e e e e e e e e e e e e e e e |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SIS PENILERTED |
| SAMPLE# OR AREA          | SAMPLE DATE                             | SAMPLE VOLUME | ANALY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SIS REQUESTED. |
| 5-6-4                    | 8/1/08                                  |               | Lead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |
| 5-c-5                    |                                         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
| 5-C-6                    |                                         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1              |
| 5-6-7                    |                                         |               | and a 1988 DEPOSITION A 4 SEE A DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ,              |
| 5-6-8                    |                                         |               | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                |
| 5-C-9                    |                                         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,              |
| 15-6-10                  |                                         | Minner        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u>       |
| 5-9                      |                                         | 1500          | Fungal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Spare:         |
| 5-3                      |                                         | Isuc          | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | · ·            |
| 5-6                      |                                         | 1501          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,              |
| 5-7                      |                                         | 150 4         | HARRIST AND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |
| 5-8                      | W                                       | 1501          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u>       |
| 1.00                     |                                         |               | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |
|                          | <u>.</u>                                | <u> </u>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
| :                        | Non-                                    | Respons       | ive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |
| Sampleş Rəlinquishəd By: |                                         |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Elizab<br>Date |
| Samples Received By:     | Signature                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date           |
| Samples Analyzed By:     | Signature                               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date           |

2/2

| LABORATORY 1. Date/Time RCVD: 2. Date/Time Analyzed: 3. Results Reported To: 4. Comments: |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mailing/Billing Information:  1. Client Nature: MCH10781 (LAGAZ 2017)  2. Address 1: 301 - 1 H Old Bey  3. Address 2: Healve de C-Pace de Address 3: 4. Address 3: 1 Healve de C-Pace de Address 3: 1 Healve de C-Pace de Address 3: 1 Healve de C-Pace de Address 3: 1 Healve de C-Pace de Address 3: 1 Healve de C-Pace de Address 3: 1 Healve de C-Pace de C-Pace de Comments: 1 Inné Duis: 1 L'Abestos A naltysis  Ashestos A naltysis  Ashestos A naltysis  Ashestos A naltysis  Ashestos A naltysis  PC MCE Porosity in a 25mm 37mm Q NIOSH 7400 (QTY)  DEMAir - Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm Q NIOSH 7402 (QTY)  DEMAIR - Please Indicate Filter Type: PC MCE Porosity in a 25mm 37mm Q NIOSH 7402 (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)  DEPA 500 - Visual Estimate (QTY)                                                                                                                                                                                                               | AMA finallytical Services, Inc. Focused on Results AIHA (#100470) NVLAP (#101143-0) NY ELAP (19920) 4475 Forbes Blvd Lanham, MD 20706 (301) 459-2640 - (800) 346-0961 - Fax (301) 459-2643 |
|-------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ed: 9 / 08 / 08 @ By print: TRISTAN WARD                                                  |                 | The court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the c | Submittal Information: QLC 484  1. Job Name: QLC 484  2. Job Location: QLC 484  4. Contact Person  4. Contact Person  5. Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitted by: Submitt | LAP (13920) CHAIN OF CUSTODY                                                                                                                                                               |
| Non-Respon                                                                                | SIVE CONTROL By | Contact: Bu:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Model Cock Wiggs of the Corresponding Control Control Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct Correct  | Glessa Roug To Tito 181401                                                                                                                                                                 |

Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 760 of 5269



www.analyticallab.com

# Industrial Hygiene Survey

National Guard Facility Fifth Regiment Armory 29<sup>th</sup> Division Baltimore, MD 21201

**Prepared For:** 

National Guard Bureau Region North IH

301-IH Old Bay Lane

Havre de Grace, MD 21078

**Survey Location:** 

Fifth Regiment Armory

29<sup>th</sup> Division Street Baltimore, MD 21201

Prepared By:

Analytical Laboratory Services, Inc.

3544 North Progress Avenue

Suite 100

Harrisburg, PA 17110

**Survey Date:** 

August 13, 2010

Report Date:

**September 21, 2010** 

ALSI Project #:

1008519

Non-Responsive

Director, Environmental Health & Safety

## **BEST AVAILABLE COPY**

-----

# Table of Contents Section 1.0 Executive Summary 3 Section 2.0 Operation Description & Observations 5 Section 3.0 Noise Survey 6 Section 4.0 Lead Testing 7 Section 5.0 Lighting 9 Section 6.0 Indoor Air Quality 10 Section 7.0 Suspect Asbestos Containing Building Materials 13 Section 8.0 Maintenance Bay 14 Section 9.0 Limitations 15 Appendix A. Laboratory Analysis Report 16 Appendix B. Photographs 17 Appendix C. Floor Plan 18 Appendix D. References 19

# Section 1.0 Executive Summary

## Section 1.0 Executive Summary

An industrial hygiene survey was conducted August 13, 2010, at the Fifth Regiment Armory located at 29<sup>th</sup> Division, Baltimore, MD 21201. The study was performed by Ms. Non-Responsive and Mr. Non-Responsive

- 1. Lead surface, air and bulk samples were collected. Surface levels of lead exceeded 200 ug/ft<sup>2</sup> in the basement on the floor outside the firing range.
  - Housekeeping and cleaning should be improved to maintain lead levels below 200 ug/ft<sup>2</sup>. Damaged paint should be repaired and properly remediated.
- Lighting levels met the minimum recommended guidelines in all but four areas:
   Drill Hall 2) Facilities Engineering Office, 3) Office D15, 4) Office M30.
   Lighting should be improved in these areas.
- 3. Indoor air quality parameters of temperature, relative humidity, carbon monoxide and carbon dioxide (ventilation) were evaluated during the assessment. Relative humidity exceeded the recommended ceiling of 60% and temperature exceeded the recommended criteria of 79 degrees F in some indoor locations. There is no central air conditioning system in this building. Outdoor conditions were hot and humid. Relative humidity should be maintained at 30-60%. Low relative humidity can lead to the drying of mucous tissues and an increased susceptibility to respiratory infection. High relative humidity can provide an environment suitable for microbial growth and proliferation. For comfort, temperature levels should be maintained between 73-79 degrees F.
- 4. A visual inspection was conducted throughout visually accessible portions of the facility. The visual inspection was conducted to assess sources or pathways of factors potentially deleterious to IAQ. The visual inspection revealed the following items that may be potential sources of poor IAQ:
  - a. Peeling paint is present in many areas of the building. Peeling paint should be repaired and properly remediated.
  - b. Water damaged ceilings and/or ceiling tiles were observed in numerous locations. Water damaged ceiling tile should be removed and replaced. Water damaged ceiling areas should be repaired. The source of water infiltration should be identified and repaired.
  - c. Suspected fungal growth was noted in the following locations:
    - i. Parking garage on the wall opposite the mechanical unit (see photo).
    - ii. Pipe insulation in boiler room (see photo).
    - iii. Parking garage supply vent had a visible accumulation of dirt, debris and possible fungal growth (see photo).

## **BEST AVAILABLE COPY**

Visible fungal growth should be properly remediated. Fungal growth in the indoor environment is always the result of some source of uncontrolled water infiltration. All sources of water infiltration should be identified and repaired. Do not permit dirt, debris, microbial growth, etc. to accumulate in any portion of the HVAC system including the supply and return vents.

5. Damaged window glazing was observed at some windows (see photo). A bulk sample of this damaged glazing was collected and analyzed by PLM. Trace amounts of asbestos were identified. The laboratory recommended further analysis of this material by transmission electron microscopy (TEM) to better quantify the amount of asbestos present. Further action such as abatement would depend on the TEM sample result.

# Section 2.0 Operation Description & Observations

## Section 2.0 Operation Description & Observations

The Fifth Regiment Armory is a large facility consisting of  $343,552~{\rm ft}^2$ . It is mainly an administrative facility with many offices, training and storage areas. There were approximately 300-400 full-time employees stationed at this facility at the time of this survey.

The building was initially constructed in 1901. There have been several renovations throughout the years. The exterior is stone. The interior walls are primarily plaster with some areas of drywall. The floors were composed of a poured concrete slab with different types of flooring present including vinyl floor tile. The ceitings were generally composed of a roof deck and some areas were finished with a suspended drop ceiling system.

The heating, ventilating, and air conditioning system (HVAC) consisted of central air-conditioning on the 3<sup>rd</sup> and 4<sup>th</sup> floors and window unit air conditioners on the basement, 1<sup>st</sup>, and 2<sup>rd</sup> floors. There is a boiler heated with natural gas. Outdoor air ventilation occurs via the HVAC system on the 3<sup>rd</sup> and 4<sup>th</sup> floors and open windows, doors, etc in other areas. Many doors and windows were open on the day of this survey. HVAC maintenance is performed by in-house personnel. A limited inspection of the air-handler was performed. The unit could not be opened for inspection. Portions of the unit that could be observed were clean and appeared in good condition.

There is an old firing range in the basement. It was closed in the 1970's and has been fully abated. ALSI could not obtain access to the old firing range area. It was locked and personnel at the site did not have keys. It is a restricted area and not utilized.

Overall housekeeping was good. Areas were clean and well kept.

No ergonomic concerns were reported. Office areas have computer work stations. Work stations appeared properly designed. Personnel had supportive chairs.

# Section 3.0 Noise Survey

# Section 3.0 Noise Survey

Employees were not performing tasks that provided excessive noise levels. Therefore, noise exposure monitoring was not conducted.

# Section 4.0 Lead Testing

# Section 4.0 Lead Testing

At the time of the assessment, no activities were observed which would generate lead exposure. The facility contains an area in the basement which was once an indoor firing range. It has been abated. The area is locked. No one is permitted in the area. There is no child care facility in the armory.

Various surfaces within the facility were screened for lead using surface/wipe samples. Surface/wipe samples were collected in accordance with the ASTM E 1792 protocols. Air samples were collected using 0.8 um mixed cellulose ester (MCE) filter cassettes attached to low volume air sampling pumps. Blank samples were submitted to the laboratory for quality control purposes. Samples were sent to AMA Analytical Services, Inc., in Lanham, Maryland, for lead analysis using EPA Method 600/R-93/200 (M)-7420. A copy of the laboratory analysis report can be found in Appendix A.

Lead Testing Results Summary

| Sample # | Location                                                      | Air<br>ug/m³ | Surface<br>ng/ft²            | Paint Chip<br>%Pb |
|----------|---------------------------------------------------------------|--------------|------------------------------|-------------------|
| 1        | First Floor - Drill Hall                                      | <3.7         |                              | i                 |
| 2        | Second Floor Hallway                                          | <3.8         |                              |                   |
| 3        | Blank                                                         | <3           |                              | ļ                 |
| 4        | Drill Hall - Center of Floor                                  |              | <110                         | i                 |
| 5        | Drill Hall Return Grill by Floor                              |              | <l10< td=""><td></td></l10<> |                   |
| 6        | Drill Hall - Main Entrance Lobby Floor                        |              | <110                         | l                 |
| 7        | First Floor - Facilities Engineering<br>Top of Filing Cabinet |              | <110                         | <u> </u>          |
| 8        | First Floor Mailroom Floor                                    |              | <110                         |                   |
| 9        | First Floor – Room D-28 Top of<br>Coffee Table                |              | <110                         |                   |
| 10       | Basement - Floor Outside Firing - Range                       |              | 560                          |                   |
| 11       | Basement – Stair Landing Floor Outside Firing Range           |              | <110                         |                   |
|          | Second Floor M5 Floor by Copier                               |              | <110                         | Ï                 |
| 13       | Second Floor - Hallway Floor by<br>Chipping/Peeling Paint     |              | <110                         |                   |
| 14       | Second Floor - M15 Top of Front<br>Desk                       |              | <110                         |                   |
| 15       | Second Floor - Inspector General's<br>Office Window Sill      |              | <110                         |                   |
| 16       | Third Floor Outside Generals<br>Office Top of Heater          |              | <110                         |                   |
| 17       | Third Floor - Stadium Seating Floor<br>near Room 6            |              | 160                          |                   |
| 18       | Third Floor - Room 9 Ceiling Vent                             |              | <110                         |                   |
| 19       | Third Floor - Stadium Seating Seat<br>Near Room 14            |              | <110                         |                   |

| Sample # | Location                                                | Air<br>ug/m³  | Surface<br>ug/ft <sup>2</sup> | Paint Chip<br>%Pb |
|----------|---------------------------------------------------------|---------------|-------------------------------|-------------------|
| 20       | Third Floor - Outside Room 16 Top<br>of Locker          | <del></del> - | <110                          |                   |
| 21       | : Third Floor - Room 23 Top of Heater                   |               | <110                          | !<br>-            |
| 22       | Third Floor - Stadium Floor Outside<br>General's Office |               | <110                          |                   |
| 23       | Blank                                                   |               | <12                           |                   |
| 24       | Second Floor Hallway Wall                               |               |                               | 0.018             |
| 25       | Basement - Hallway Coiling Outside<br>Firing Range      |               |                               | 0.039             |
| Criteria |                                                         | 50            | 200                           | 0.5               |

Key: Bolded results exceed listed criteria

Lead surface, air and bulk samples were collected. Surface levels of lead exceeded 200 ug/ft<sup>2</sup> in the basement on the floor outside the firing range.

The National Guard Bureau currently utilizes 200 ug/ft<sup>2</sup> as a benchmark for identifying lead-contaminated surfaces. In the "Derivation of Wipe Surface Screening Levels for Environmental Chemicals," the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) has determined that 200 ug/ft<sup>2</sup> is a satisfactory surface contamination level unless the facility is utilized as a childcare facility. In such cases, U.S. Department of Housing and Urban Development (HUD) limit of 40 ug/ft<sup>2</sup> on floors and 250 ug/ft<sup>2</sup> on windowsills should be observed. There is no child care provided at this facility.

Air samples for lead were below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit of 50 ug/m<sup>3</sup>. In fact, no detectable level of lead was identified in the air samples collected.

Deteriorated paint was observed in many locations throughout the facility. Delaminated paint was mostly due to age along with prolonged exposure to elevated relative humidity levels. A paint chip sample was collected from peeling paint in two locations. Results were found to be below the HUD definition of lead-based paint (0.5%).

Housekeeping and cleaning should be improved to maintain lead levels below 200  $\text{ug/}\text{R}^2$ . The damaged paint should be repaired and properly remediated.

# Section 5.0 Lighting

# Section 5.0 Lighting

A lighting assessment was conducted throughout the facility. Measurements were collected using a Cooke Cal-Light 400L Precision Light Meter (Serial No. K070003). The light meter was last calibrated on November 26, 2009. Measurements collected were compared to ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

Light Survey Assessment Summary

| Location                                         | Foot Candles | Recommended<br>Lighting | Sufficient<br>Lighting |
|--------------------------------------------------|--------------|-------------------------|------------------------|
| First Floor - Drill Hall                         | 24.8         | 30-50                   | No                     |
| First Floor - Joint Force Office<br>Headquarters | 80.8         | 30-50                   | Yes                    |
| First Floor - Family Programs<br>D-41            | 47.0         | 30-50                   | Yes                    |
| First Floor Armory Management Office             | 65.7         | 30-50                   | Yes                    |
| First Floor - Art Gallery                        | 40.2         | 30-50                   | Yes                    |
| First Floor - Facilities<br>Engineering          | 21.3         | 30-50                   | No                     |
| First Floor D15                                  | 18.3         | 30-50                   | Yes                    |
| First Floor – D23                                | 46.8         | 30-50                   | Yes                    |
| Basement - Conference Room                       | 67,4         | 30-50                   | Yes                    |
| Second Floor - M30                               | 25.0         | 30-50                   | <u>No</u>              |
| Second Floor - M5B                               | 55.5         | 30-50                   | Yes                    |
| Second Floor Public Affairs                      | 100.0        | 30-50                   | <u> </u>               |
| Second Floor – Inspector<br>Generals Office      | 180.9        | 30-50                   | Yes                    |
| Third Floor - Air Guard                          | 89.5         | 30-50                   | Yes                    |
| Third Floor Room 9                               | 135.3        | 30-50                   | Yes                    |
| Third Floor - Room 15                            | 121.0        | 30-50                   | Yes                    |
| Third Floor - Room 23                            | 97.0         | 30-50                   | Yes                    |
| Fourth Floor - Dining Hall                       | 42.6         | 10                      | Yes                    |

Lighting levels met the minimum recommended guidelines in all but four areas: 1) Drill Hall 2) Facilities Engineering Office, 3) Office D15, 4) Office M30. Lighting should be improved in these areas.

# Section 6.0 Indoor Air Quality

## Section 6.0 Indoor Air Quality

Survey measurements were collected for ventilation and comfort parameters (carbon dioxide, temperature, and relative humidity). The air quality measurements were collected using direct reading instrumentation for comfort parameters using a QTRAK IAQ Meter, Model 7565X (Serial # 0839020). The IAQ Meter was last calibrated in March 2010.

The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) have developed indoor air quality guidelines for mechanically ventilated office buildings and commercial settings (ASHRAE standard 62.1-2007). ASHRAE specifies temperature and relative humidity ranges for human comfort (ASHRAE 55-2004). The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, recommends maintaining a relative humidity range between 30 to 60% in occupied areas.

The recommendations for temperature and humidity are based on seasonal and regional influences to allow comfort for 80% of a building's population. The temperature readings from the interior of the structure ranged from 74.8 to 81.7 degrees F with relative humidity readings ranging from 40.8% to 69.2%. During the survey, carbon dioxide (CO<sub>2</sub>) levels ranged from 343 ppm to 715 ppm within the facility compared to an outdoor CO<sub>2</sub> level of 332 ppm. Based on the outdoor levels observed at the time of the testing, the maximum indoor concentration of CO<sub>2</sub> recommended is 1,032 ppm (332 ppm - 700 ppm). Carbon monoxide (CO) ranged from 0.0 + 0.1 ppm. The following table summarizes the measurements collected.

IAQ Assessment Summary

| Location                                         | Temperature (°F) | Relative<br>Humidity<br>(%) | Carbon<br>Dioxide<br>(ppm) | Carbon<br>Monoxide<br>(ppm) |
|--------------------------------------------------|------------------|-----------------------------|----------------------------|-----------------------------|
| Outdoors                                         | 77.6             | 71.3                        | 332                        | 0.0                         |
| First Floor - Drill Hall                         | 80.1             | 65.6                        | 344                        | 0.0                         |
| First Floor - Joint Force<br>Office Headquarters | 75.9             | 42. <b>6</b>                | 674                        | 0.1                         |
| First Floor - Family Programs<br>D-41            | 78.8             | 51.8                        | 559                        | 0.0                         |
| First Floor – Armory<br>Management Office        | 79.8             | 52.4                        | 570                        | 0.1                         |
| First Floor - Art Gallery                        | 78,4             | 55.9                        | 524                        | 0.1                         |
| First Floor Facilities<br>Engineering            | 78.5             | 50.6                        | 686                        | 0.1                         |
| First Floor D15                                  | 80.2             | 50.8                        | 715                        | 0.0                         |
| First Floor - D23                                | 79.3             | 53,7                        | 410                        | , 0.1                       |
| Basement - Conference Room                       | 81.7             | 62.1                        | 465                        | 0.0                         |
| Second Floor - M30                               | 79.8             | 50.6                        | 543                        | 0.0                         |
| Second Floor M5B                                 | 79.3             | 44.1                        | 570                        | 0.0                         |

| 1.ocation                                   | Temperature (°F) | Relative<br>Humidity<br>(%) | Carbon<br>Dioxide<br>(ppm) | Carbon<br>Monoxide<br>(ppm) |
|---------------------------------------------|------------------|-----------------------------|----------------------------|-----------------------------|
| Second Floor Public Affairs                 | 80.0             | 60.8                        | 573                        | 0.0                         |
| Second Floor – Inspector<br>Generals Office | 77.4             | 52.8                        | 535                        | 0.0                         |
| Third Floor - Air Guard                     | 77.4             | 54.2                        | 437                        | 0.0                         |
| Third Floor - Room 9                        | 78.6             | 40,8                        | 474                        | 0.0                         |
| Third Floor Room 15                         | 77.6             | 43.8                        | 512                        | 0.0                         |
| Third Floor – Room 23                       | 74.8             | 52.1                        | 544                        | 0.0                         |
| Fourth Floor - Dining Hall                  | 76.0             | 69.2                        | 343                        | 0.0                         |
| Criteria                                    | 73.0-79.0        | 30-60                       | <1,032                     | <9.0                        |

Key: Bolded results exceed listed criteria

Relative humidity exceeded the recommended ceiling of 60% and temperature exceeded the recommended criteria of 79 degrees F in a few locations primarily in areas where no central air-conditioning was present. Central air-conditioning is present on the 3<sup>rd</sup> and 4<sup>th</sup> floors. Outdoor conditions were hot and humid. Relative humidity should be maintained at 30-60%. Low relative humidity can lead to the drying of mucous tissues and an increased susceptibility to respiratory infection. High relative humidity can provide an environment suitable for microbial growth and proliferation.

Carbon dioxide levels did not exceed the recommended ceiling of 1,032 ppm. This suggests that outdoor air ventilation is adequate in these areas. A mechanical ventilation system which includes the introduction of outdoor air into areas is present on the 3<sup>rd</sup> and 4<sup>th</sup> floors. No outdoor air ventilation is introduced into the building via the HVAC system in the basement. 1<sup>st</sup> and 2<sup>rd</sup> floors.

A visual inspection was conducted throughout visually accessible portions of the facility. The visual inspection was conducted to assess sources or pathways of factors potentially deleterious to IAQ. The visual inspection revealed the following items that may be potential sources of poor IAQ:

- 1. Peeling paint is present in many areas of the building. Peeling paint should be repaired and properly remediated.
- Water damaged ceilings and/or ceiling tiles were observed in numerous locations.
  Water damaged ceiling tile should be removed and replaced. The source of water
  infiltration should be identified and repaired.
- 3. Suspected fungal growth was noted in the following locations:
  - o Parking garage on the wall opposite the mechanical unit (see photo).
  - Pipe insulation in boiler room (see photo).
  - Parking garage supply vent had a visible accumulation of dirt, debris and possible fungal growth (see photo).

## BEST AVAILABLE COPY

Visible fungal growth should be properly remediated. Fungal growth in the indoor environment is always the result of some source of uncontrolled water infiltration. All sources of water infiltration should be identified and repaired. Do not permit dirt, debris, microbial growth, etc. to accumulate in any portion of the HVAC system including the supply and return vents.

4. The outdoor air intake on the roof (see photo). There were no sources of reentrainment of pollutants noted at the time of this survey. It should be noted that the outdoor air intake is in a very crowded location with numerous pieces of mechanical equipment, ductwork, etc. The potential for reentrainment of pollutants exists if mechanical equipment malfunctions occur.

# Section 7.0 Suspect Asbestos Containing Building Materials

# Section 7.0 Suspect Asbestos Containing Building Materials

ALSI personnel performed a walk-through visual inspection for suspect asbestos containing materials (ACM). No demolition was performed. Inaccessible areas were not inspected. No samples were collected.

Suspect ACM could include sheetrock/joint compound, plaster wall and ceiling systems, floor tiles and associated mastic, and vinyl cove base. Thermal system insulation which is most likely a combination of paper wrapped fiberglass with PVC clbows and well as pre-formed TSI with mudded elbows was suspected.

The following are the notable findings regarding suspect ACM at the time of this survey:

- Damaged window glazing was observed at some windows (see photo). A bulk sample (Sample #1008519-26) of this damaged glazing was collected and analyzed by PLM. Trace amounts of asbestos were identified by PLM analysis. The laboratory recommended further analysis of this material by transmission electron microscopy (TEM) to better quantify the amount of asbestos present. Further action such as abatement would depend on the TEM sample result.
- 2. Tank insulation and a fire door are suspect ACM in the boiler room
- 3. 9" x 9" vinyl floor tile and mastic is present in approximately 40% of the office areas. Most areas were in good condition. Some areas are covered with carpet.

# Section 8.0 Maintenance Bay

# Section 8.0 Maintenance Bay

There is a maintenance bay or service garage area at this facility.

# Section 9.0 Limitations

## Section 9.0 Limitations

This report summarizes our evaluation of the conditions observed at the above referenced location. Our findings are based upon our observations and sampling results obtained at the facility at the time of our visit. The report, results, and subsequent recommendations reported herein are also limited to the information available at the time it was prepared and investigated. Conditions may have been in effect prior to the sampling events that have changed over time and which cannot be predicted within the scope of this limited investigation. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

This report is intended for the exclusive use of the client. This report and the findings herein shall not, in whole or in part, be relied upon by any other parties, disseminated or conveyed to any other party without prior written consent of the National Guard Bureau, and Analytical Laboratory Services, Inc. The findings are relative to the dates of our site visits and should not be relied upon for substantially later dates.

# Appendix A Laboratory Analysis Report

# CERTIFICATE OF ANALYSIS

and Analytical Services, Inc.

A Specialized Environmental Laboratory

ALHALAP, CEC

0350

8/17/2010 508574

Date Submiffted

Baltimore, MD Fifth Regiment

Job Loenthou:

301-111 Old Bay Lane, Aftn: NGB-AVN-SI,

National Guard Dureau

Havre de Grace, Maryland 21078 State Military Reservation

Attention:

Job Name:

Chain Of Custody:

Report Date:

Date Analyzed:

W912K6-09-A-0003

P.O. Number:

Fifth Regiment

Joh Number:

8/24/2010

8/24/2010 Person Submitting:

Page I of 2

H

П

BEST AVAILABLE COPY

Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Cleat Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L)    | Area Wiped (ft?) | Rep<br>F | Reyor ing<br>Limit | Total ng      | Mual Result  | Ħ                  | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------|------------------------|---------------|-------------|----------------------|------------------|----------|--------------------|---------------|--------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1070967              | 1.6153001              | Flame         | Air.        | 208                  | N/A              | 3.7      | ug/m³              | \\            | 43.7         | "w/âu              | Addition of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American Statement of American S |
| 1070968              | 1008519-2              | Flame         | Air         | 7.67                 | NA               | 90°      | ug/m³              | ø             | \$.<br>\$.   | ng/m <sub>3</sub>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070969              | 1008519-3              | Flame         | Air Blank   | Ö                    | NA               | ķ        | ug/m³              |               | Ÿ            |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070970              | 1008519-4              | Пане          | Wipe        | <b>长</b> 交           | 0.198            | IIO      | ugAP               | <12           | 0.15         | ug/H³              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070971              | 1008319-5              | Flame         | Wipe        | · 영화<br>- 영화<br>- 영화 | 0.108            | 110      | ug/II*             | <12           | <110         | ug/H²              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070972              | 1008519-6              | Flame         | Wipe        | ***                  | 0.108            | 110      | ug/A1              | <12           | 01D          | ug/D²              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070973              | 1008519-7              | Flame         | Wipe        | 各条品子                 | 0.108            | 110      | ug/ff2             | <13           | <110         | ug/ft²             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070974              | 1008519-8              | Plane         | Who         | ****                 | .0.108           | 110      | 116/117            | <12           | <110         | ug/fl²             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070975              | 1008519-9              | Hane          | Wipe        | ***                  | 90,108           | TIO      | HØH.               | <b>₹</b>      | STIS         | ug/H²              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070976              | 1008519-10             | Hame          | With        | 等                    | 0.108            | 110      | ng/A               | 19            | 360          | 北部                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1790701              | 11.6153001             | Hane          | Wipe        | ***                  | 0.108            | 110      | ng/ft.             | <12           | 418          | ng/ft²             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070978              | 1008519-12             | Flame         | Who         | 板板板板                 | 0.108            | 110      | ug/ft²             | <12           | <110<br><110 | rs///fa            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070979              | 1008519-13             | Flame         | Wipe        | 南班安全                 | 0,108            | 110      | ng/ll+             | <12           | ØI₽          | ng/N°              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070980              | 1008519-14             | Панке         | Wipe        | ***                  | 0.108            | 110      | ug/fir             | <12           | 01 P         | ug/fits            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070981              | 1008519-15             | Plane         | Wine        | ***                  | 0,108            | 110      | ng/II?             | <12           | 910          | ug/R*              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070982              | 91-6152001             | Planc         | Wine        | ***                  | 801.0            | 110      | ng/ft²             | <12           | 01To         | ug/fit             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1076983              | 1008519-17             | Flame.        | Wipe        | <b>小</b><br>英<br>英   | 0.108            | 110      | ug/Aª              | 4             | 160          | ug/ft²             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070984              | 81-6158001             | Hame          | Wipe        | ***                  | 0.108            | 110      | ug/ft²             | <u>51</u> >   | <b>9</b> ∇   | ng/ff?             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1070985              | 61-6152001             | Flame         | Wine        | ***                  | 0.108            | 110      | ug/ll <sup>2</sup> | <u>&lt;12</u> | <110         | HB/ft <sup>2</sup> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

lockfining and collection protocole are based upon the information provided by the persons submitting them and unless collected by persons in these Laboratories; we expressly disclain any knowledge and Habilty for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless offered by the effect, NVLAP accreditation applies only to polarized light microscopy of bulk samples, and the regulatory guidelines, unless offered to endorsensent by NV ELAP, AHA, NVLAP, NIST, or any agency of the Pederal Government. All rights reserved. AMA Analytical Services, Inc. (h)s report applies only to the samples, or samples; investigated and is not necessarily indicative of the quality of the quality dentical or similar products. As a matual protection to clients, the public, and these Laboratorius, this report is: schimisted and accepted for the exclusive use of the cities for whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any adventuing or publicity matter without prior written authorization from us. Sample types,

4475 Forbes Blvd. \* Lanban, M.D. 20706 \* (301) 459-2640 \* Toll Free (860) 346-4961 \* Fax (301) 459-2643

AU AIBA (#100470), NVLAP (f01145-0), and NV ELAP (#10920) Aversalind Laboratory

Address Client

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS



| ALCHENTEDIABONIOR<br>ALCHENTEDIABONIOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACTOR<br>CONTRACT | 1,483/15371 | NY MIAP |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 574     |  |

10920

| 8/24/2010 Report Date: | 8/24/2010 | Date Analyzed:     | W912K6-09-A-0003 | P.O. Number:  |             |
|------------------------|-----------|--------------------|------------------|---------------|-------------|
| Non-Res                |           | Person Sulmitting: | Finh Regiment    | Jeb Number:   | 21078       |
|                        | 8/17/2010 | Date Submitted:    | Baltinore, MD    | Job Lecution: | NOB-AVN-SI, |
|                        | 508574    | Chaja Of Custody;  | Pith Regiment    | Job Name:     |             |
|                        |           |                    |                  |               |             |

| 2012 |  |
|------|--|
| Page |  |

8/24/2010

|                                                | 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | VIDEO CONTRACTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                | THE REPORT OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF  |
|                                                | The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon |
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| _                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Summary of Atomic Absorption Analysis for Lead |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 444<br>200                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| alys                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Am                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ion                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| orpi                                           | AMALES CONTROL OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY |
| SO                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| iic /                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ton                                            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ø.₹.∆                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| E.                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ma                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sun                                            | Automotiva de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya del companya de la companya de la companya del companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya |
|                                                | and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t |
|                                                | . Annual or community of the last                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>o</b>                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                | 000000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                | 14/14/00/07/07/07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                | Anna Cancada                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                | Andread and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second  |
|                                                | - []                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| AMA Sample<br>Number                                                                                      | Client Sample<br>Number | Analysis Type Sample Type | Sample Type                                                                          | Air Valume<br>(L)             | Area Wiped<br>(ff)                        | Repr    | Reporting<br>Limit | Total ug                                                      | Final Resul      | jit Commients                                                                              |
|-----------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|--------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------|---------|--------------------|---------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------|
| 1070986                                                                                                   | 1008519-20              | Manie                     | Wipe                                                                                 | *****                         | 0.108                                     | 911     | #B#                | 2,42                                                          | Ø. 7             | "IJ/ān                                                                                     |
| 1070987                                                                                                   | 1008519-21              | Frame                     | Wipe                                                                                 | ***                           | 6.108                                     | 110     | ag/ft*             | <12                                                           | <110             | ug/ff?                                                                                     |
| 1070988                                                                                                   | 1008519-22              | Flanc                     | Wipe                                                                                 | ***                           | 0.108                                     | 110     | ug/Us              | <12                                                           | 0110             | ug/ff2                                                                                     |
| 1070989                                                                                                   | 1008519-23              | Flame                     | Wipe Blank                                                                           | <b>外便傷物</b>                   | N/A                                       | 2       | ag                 |                                                               | <12              | Sin                                                                                        |
| 1070990                                                                                                   | 1008519-24              | Flame                     | Paint Chip                                                                           | ****                          | N/A                                       | 0,0092  | %PE                |                                                               | 0.018            | %D.P.P                                                                                     |
| 1070991                                                                                                   | 1008519-25              | Flame                     | Paint Chip                                                                           | 李章李章                          | NIA                                       | 0.0095  | %BP                |                                                               | 0.039            | 953Vs                                                                                      |
| 1070992                                                                                                   | 1008519-26              | Flame                     | Paint Chip                                                                           | ****                          | NIA                                       | 0.01    | %Pb                |                                                               | 1900             | %P10                                                                                       |
| Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 800/R-93/200(M)-7420; Water, SM-3111B | ime: Air, Wipes, Pa     | ainle, and Soil/S         | olids: EPA 600/R.                                                                    | 05/200(M)-7420                | Water SM-311                              | ä       | See OC:            | Summary for an                                                | alytical results | See QC Summary for analytical results of quality control samples                           |
| Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Soilds:                                         | imade: Air, Wipes       | , Paints, and Soi         | Wellds: EPA 60                                                                       | O/R-93/200(M)-7               | EPA 600/R:93/200(M)-7421; Water: SM-3113B | 1-31138 | associate          | associated with these sampes.<br>NY ELAD advisedables similar | mpes.            | associated will these sampes.<br>NY ELAD agreement is provided and to be able who and soft |
| N/A = Not Applicable                                                                                      | mg/Kg = parts           | per million (opm          | mg/kg = parts per million (ppm) on a dry weight basis mg/L = parts per million (ppm) | basis mg/L=                   | parts per million                         | (bbm)   | samples.           | acercaionin a                                                 | phino count      | દ્વાણ પ્રાંતુનું માહિક ત્યાંત કરતા                                                         |
| %Ph = nercent lead on a do weight basis up = micrograms                                                   | a dry wainht basis      | no = mieron               |                                                                                      | ust a parts ner billion (not) | (dunh)                                    |         | •                  |                                                               |                  |                                                                                            |

BEST AVAILABLE COPY

Note: All results have two significant digits. Any additional digits shown should not be considered when Interpreting the result.

Note: All samples were received in good condition unless otherwise noted.

Air and Wipe results are not corrected for any blank results Final results for air and wipe samples are based on client supplied information nor verified by this laboratory.

change unless signed by the Technical Director or Deputy. All results are to be considered preliminary and subject to

Analyse

submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it had not at the condition that the manufacture without prior written authorization from us. Sample 1908s, including any including provided by the persons submitting them and, unless collected by personsel of these Laboratories; we expressly disclaim any knowledge and liability for the accourage and completeness of this information. Residual isample material will be allicated in accourage and completeness of transmission electron material will be allicated light microscopy of bulksamples and transmission electron merceocepy of AHERA air samples. This report must not be used to claim, and does not haply product confidence, approval, or endorsement by NV BLAP, APA, NVLAP, NST, or any agency of the Federal Covernment. All This report on the sample, investigated and k not accessarily indicative of the quality or condition of apparently identical or similar protection to clients, the jublic, and these Laboratories, this report is

An Altila (#190479), WYLAP (161143-9), mid NY ELAP (#10920) Accredited Laborstory

Address: Clean

Attention:

301-IH Old Bay Lane, Attn: State Military Reservation. Havre de Grace, Maryland

National Chard Dureau

SW

Номоденееиз

Gray

100

:

ŧ

Į



# abla andlyka Services, Inc.

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

|           |           |                    |                   |               | espan (                                                              |            |
|-----------|-----------|--------------------|-------------------|---------------|----------------------------------------------------------------------|------------|
| Page I of |           |                    |                   |               | Run-Rei                                                              | Attention: |
|           | 6         |                    | W9 f2K6-89-A-6063 | P.O. Nawber:  |                                                                      |            |
|           | Non-Re    | Person Submittings | Fifth Regiment    | Jeb Number:   | Haveo de Grace, Maryland 21078                                       |            |
|           | 8/24/2010 | Date Analyzed:     | Baltimore, MD     | Jab Location: | 301-IH Old Bay Lane, Attn: NGB-AVN-SI,<br>State Military Reservation | Address:   |
|           | 508574    | Chain Of Custody:  | Fifth Regiment    | Job Name:     | National Grand Bureau                                                | Client     |
|           |           |                    |                   |               |                                                                      |            |

| ALEXANDER OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P | Comments                                                                                                                  | A Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Comp |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Analyst<br>ID                                                                                                             | - All LAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mineral Riberglass Organic Synthetic Officer Particulate Sample Homogeneity Analyst Wool Percent Percent Color ID Percent | The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sample<br>Color                                                                                                           | Company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and the company and th |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Particulate<br>Percent                                                                                                    | 2-110001111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Offier<br>Percent                                                                                                         | - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December - December  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Synthetic<br>Percent                                                                                                      | man such stouch of the set                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Organie<br>Percent                                                                                                        | au contract                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fiberglass<br>Percent                                                                                                     | and the control to a very                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mineral<br>Wool<br>Percent                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 100000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Other Ashestos Percent                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Crocidolite<br>Percent                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| y - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - Course - | Amostic.<br>Percent                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Client Total Chrysattle Anockte Cr. Sample # Asbestos Percent Percent I                                                   | enderstein men                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Total<br>Asbestos                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s | Client Total Chrysattle Amostie Croeidolid<br>Sample # Asbestos Percent Percent                                           | THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE SHAPE OF THE S |
| And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s | AMA Sample<br>Number                                                                                                      | accomplying the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

The following featnotes only apply to those samples which the total aspestos result is flagged with a note number.

ï.

1008519-26

1070992

- TEM RECOMMENDATION Please note, due to resolution limitations with optical unicroscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestes nity contain a significant quantify of asbestes. It is recommended that the additional analytical technique of TEM be used to check for asbestes fibers below the resolution limits
- MATRIX REDIXCTION RECOMMENDATION Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asheaves may contain a significant quantity of asbestos which is obscared from view. It is recommended that the additional preparation technique of graviments reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method . EPA/609/R-93/116 dated July 1993

TR = "Trace equals less than 1% of this component" Uncertainty: For samples containing asbestos in range of 1-10% the CV is 0,43, 11-35% CV=0.55, >35 CV=0.23 NAD = "No Asbestos Detected"

All results are to be considered preliminary and subject to charge unless signed by the Technical Director or Deputy.



begins, and collection professive upon the information provided by the persons submitting them and, unless collected by personal fluid information. Residual samples only to palarized light informacy and completeness of this information. Residual samples only to palarized light informacy with the repersonal propriate regulatory guidelians, unless offerenced by the client. NYLAP accreditation applies only to palarized light informacy of bulk samples and transmission electron mirroscopy of AHERIA mirroruphs. This report must not be used to claim, and done not imply product certification, approval, or endorsement by NY REAP, NYLAP, NST, or any agency of the Federal Coverencent. All rights This report applies only to the sample, er sample, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and those Laboratories, this report is samplified and accepted for the exclusive use of the ellent to whom it is addressed and upon the evention that it is not to be used, in whole or in part, in any advertibing or publicity mether without prior written authorization from us. Sample types, reserved. AMA Analytical Services, Inc.

An AIRIA (#1100470), NVLAP (101143-9), and NV ELAP (#10920) Accredited Laboratory

|                                                                                                                                                                                                                |                                                                                                   |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                         | Non Posponsi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                | 6-13                                                                                              |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (การ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | OTINI<br>ARTO<br>(ARTO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Byc                                       | Non-Responsiv                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 210 REV. 6.00:                                                                                                                                                                                                 | A.                                                                                                | 812K6-09-A-0003<br>© phone # (410) 942-0273        | f TO:<br>In Report<br>US: army.mil<br>US: army.mil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | igry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 章 章                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CLIENT CONTACT LARORATORY STARFONLY) CARLECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Contact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Contact: B                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 159262<br>(Plunev Relder To This<br>Number For Inquires)                                                                                                                                                       |                                                                                                   | . We12K6-19-6-1903<br>6 phone # (410) infine       | HEFORF TO:  R Include COC/Field Data Sheets with Report  R Hishir  O, For, Shirley, chapman1 @us. army.mil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Marketing is a control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro | (GTV)<br>(GTV)<br>(GTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Date/Thire;                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| H, N                                                                                                                                                                                                           | 400                                                                                               |                                                    | M. Include C. M. Manufe C. M. Manufe C. M. Manufe C. M. Manufe C. M. M. M. M. M. M. M. M. M. M. M. M. M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Methol Knillysis  M. Dasi Wire Caripe (2)  M. Dasi Wire Caripe (3)  O Phy TCLP  U Phy TCLP  U Wase Wise (2)  U Phy Finance (Medio  U Phy Tangel Wise (2)  U Wase Wise (2)  U Wase Wise (2)  U Wase Wise (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Collection Media. U.Sprot-Trip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Safe Safe Safe Safe Safe Safe Safe Safe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CHAIN OF CUSTODY                                                                                                                                                                                               | Submitted Information: 12. Job Liventing Park Arconstal. 2. Job Liventing Park Arconstal.         | (Per ced b                                         | NOTANAL DESINESS TOURS   NOTANAL DESINESS TOURS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY) QTY) (QTY) (QTY) (QTY) (QTY) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ien un ess otherwise acted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | XIII MANANANANANANANANANANANANANANANANANANAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ××××                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | * > × >                                   | By Price Styles (1980)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Page 1 of 3 OFFICE CHAIN OF CT                                                                                                                                                                                 | Submittal<br>1.5.jab/Na<br>2. Job Lö                                                              | 3. Job R. [14] 4. Connor Per 5. Submitted b        | ENGRINALIDESINESSIDOURS  D. J.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N.  G. S.D.N | FEM (QTV)  FEM (QTV)  Vacuum/Dosl  cdum ESS55-95  kt Dfel89+99  QT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (UTY) streetwell good can snapties "C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | GRATING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRING WARRIN |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | CALALLY STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STAT |
| a a                                                                                                                                                                                                            |                                                                                                   | 11018 Reservation<br>21078<br>15x # (410) 342-0254 | G insuedine D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constitution D Constit | TENTO DESCRIPTION OF SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL SECURAL S |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | VOLUME WHEEL AREA (ST)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           | 8/3/6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Focused on Results www.completcom<br>AFF Focused on Results www.completcom<br>AFF Focus SWG, * Landren, MD 20706<br>AFF Focus BWG, * Landren, MD 20706<br>(2017 459-2641) * (800) 346-4961. Fax (2017 459-2643 | Ming Billing Information:<br>Chen: Name: National Sugist Burgau<br>Address 1: 301-1H Old Bay Lane | VN-SI, Siete N<br>eco, Maryland                    | AFTER HOURS toust be pre-selleded) editor Hale Dog: fours Time Dag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | e Filter Type: (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Liktori, Reduction RLAP 199.6  Grader teposity  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricatio  Listoricat | SAMIPLE DISTRICTOR<br>SAMIPLE LOCATION<br>PEPER CALL HOLL SPE<br>POSSET LARGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker Floring Parker | Tri Ran Silv Table<br>Demont Films (1978) | 1. Dale/Time RCVD: C 2. Dale/Time Reported To:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| FAMIN MACA<br>FACUSED ON BEA<br>AFFE FALSOS BFI<br>(2011 459-2640                                                                                                                                              | Matting Billing Information: L. Chen, Name: National S. 2. Address 1: 301-1H Og.                  | 1.7                                                | AFTER HOURS form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Asbestos-Afritigais IVM Att Please, Indicate Filter Types D NOSH 7400 (QTY) TEM Att Please indicate Filter Types O MIRRA O MUSSH 7400 (QTY) U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify U Officer (specify        | Likfore (technolism lit. AP 1936. MSC Li Other (specify Li Vernicolliè Li Astrostes Siel Rit_Qui R.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CLOSSIN DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE CONTROL DE  | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  |                                           | LABORATORY<br>STAFFONLT:<br>(CUSTONY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Атамиянтын <sub>е</sub> нуу-      | ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | er 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Non-Responsive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 210 NEW GOS                       | PAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | St. Courts St. Sport String, mil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 192002<br>Hilligans Refer To This | M Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Significe  Significe  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT TO:  REPORT T | hip (Wipe 1)18— (OTY)  fiel (OTY)  whe (OTY)  whe (OTY)  the (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)  by (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mosessionalia                     | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A. Collect Person   A. Collect Person   A. Collect By                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AChesfield (QTY)  Sh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 Wini                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| G)                                | 10 FEATP PROPERTY (1970)  (301) 459-2643  (301) 459-2643                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Parx #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TEST TEST TO THE TEST TEST TEST TEST TEST TEST TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | D. Shirley Ch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Right Analytical Services, Inc.   | 4475 Furbes<br>(301)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)-459-2(<br>201)- | 4. Audress 3. Falle De-Calife. Brayland 21973 5. Phone it. (410) 942-1973     AFFREROURS (mathepreschadele)     Chimicalate Date Duc.     California Time Duc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t | ICOSSIG-30 Str Productions ICOSSIG-30 Str Productions ICOSSIG-30 Part Production ICOSSIG-30 Part Production ICOSSIG-30 Part Production ICOSSIG-30 Part Production ICOSSIGNO ICOSSIGNO ICOSSIGNO ICOSSIGNO ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCIONA ICONOCI |

|                     |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                 |                                                                                                                   |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ∖<br>lon-Responsive                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 210 REY, 0,008      | HES 308                                                                                                                                                                                                    | C/8-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2-0273                                                                          |                                                                                                                   | ort<br>My.mil<br>my.mil                                                                                                 | (QTY) LI AA (QTY)  (QTY) DAA (QTY)  Samples:  (QTY)  Samples:  (QTY)  Samples:  (QTY)  Samples:  (QTY)  CONTINCT  EN STATH GNLS)  CONTINCT  EN STATH GNLS)  CONTINCT  EN STATH GNLS)  CONTINCT  CONTINCT  EN STATH GNLS)  CONTINCT  EN STATH GNLS)  CONTINCT  CONTINCT  EN STATH GNLS)  CONTINCT  EN STATH GNLS)  CONTINCT  EN STATH GNLS)  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONTINCT  CONT |                                                                                    |
| ZUŻEGĘ              | Weste Refer to This<br>Mostber For Inquiress                                                                                                                                                               | a service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service service serv | # W912K6.09.A.0003                                                              | Nghaure                                                                                                           | Netron TO:  State COC/Field Dea Specie with Report  State Shirley chapman 1@us.army.mil  Greak Ken.forsythe@us.army.mil | (ATY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)  |                                                                                    |
|                     |                                                                                                                                                                                                            | Hr Regionent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | P.O.#                                                                           |                                                                                                                   |                                                                                                                         | gooddoodd Coddon ag a godd a gan a gan a gan a gan a gan a gan a gan a gan a gan a gan a gan a gan a gan a gan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |
| pedatra (m.pl) (and | CHAIN OF CUSTODY                                                                                                                                                                                           | Submitted information: Fifth Regioneral 1. 16th Journal 1. 16th Journal 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                 | (410) 342-0254 5. Sibinified by Reporting Information (Results will be provided as seen as technically feasible): | NORMAL RUSINIES ROURS Day  C Results Required by Noon Day + (EveryAstempt Will Be A Day + Made to Accountedty)          | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Via:By (Prino                                                                      |
| m<br>t              | CIAIN                                                                                                                                                                                                      | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                                                                                 | (4.10) 342-0254<br>Reparting Information (Results                                                                 | ÖÖÄ                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | of Chaptern                                                                        |
| OF WILL             | <b>Services, Inc.</b> www.amalab.com www.amalab.com R(#101143-0) NY ELAP (10920) pata WD-20706 de,0361 * Fax (301)-459-2643                                                                                | weau                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Attri NGB-AVN-SI, State Military Reservation<br>Havre de Grade, Madyland, 21078 | Fux.#;                                                                                                            | CD finitedfinis                                                                                                         | Filter Type:   TE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L. Date-Time RCVD2.  2. Date-Time Analyzed: E. S. Results Reported To. S. V. WY E. |
|                     | MNB Brailvikal Services, Inc, Focused on Results www.smalst.com AIHA (#100470) NVLAP (#101143-0) NV ELAP (10920) 4475 Forbes Blyd. + Luphan, MD-20706 (301) 459-2640 • (800) 346-0961 • Fox (301) 459-2643 | Madring/Billing Information: 1. Client Name: <u>Mational Guard Bureau</u> 2. Address 1: 307-H-Old Bay Lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                 | Риоле #:(410) \$42-0273                                                                                           | AFTR HOURS (unust be pre-scheduled) celine Datis Buc: fours Theo Due:                                                   | End and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second a second and I have a second and I have a second and I have a second and I have a second and I have a second and I have a second a second and I have a second and I have a second a second and I have a second and I have a second a second and I have a second a second a second a second a second a second a second a second a second a second a second a second a second a second a second  |                                                                                    |
|                     |                                                                                                                                                                                                            | Mading/Billing  1. Client Name  2. Address 1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Address 2:                                                                      | S. Phone t                                                                                                        | AFTE<br>The incedente<br>Table Brouns<br>Communities                                                                    | Andrew Analysis  CALAIL - Pease beds  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOSH 7402  O NIOS | LABORATO<br>STAFFONL<br>(CUSTØDY)                                                  |

# Appendix B Photographs

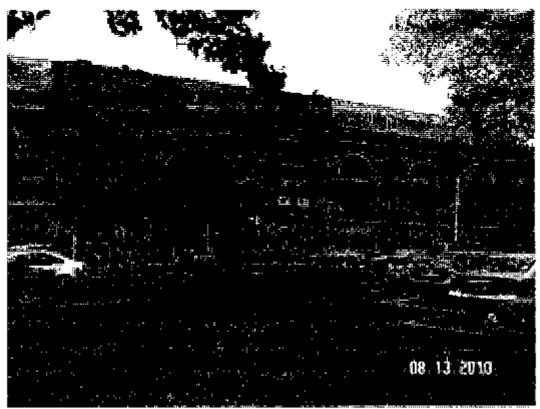


Photo 1: Exterior view

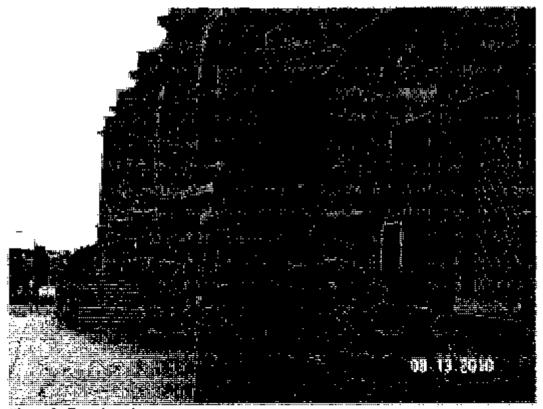


Photo 2: Exterior view

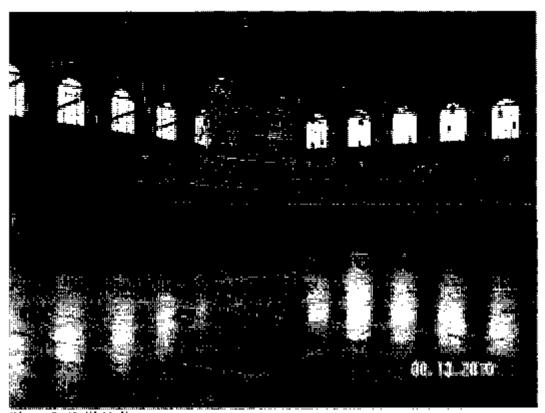
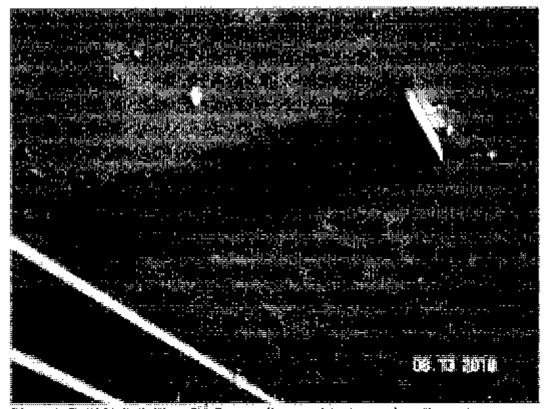


Photo 3; Drill Hall



Phato 4: Brill Hall Ceiling, I'm floor wallowing chipping and pooling paint

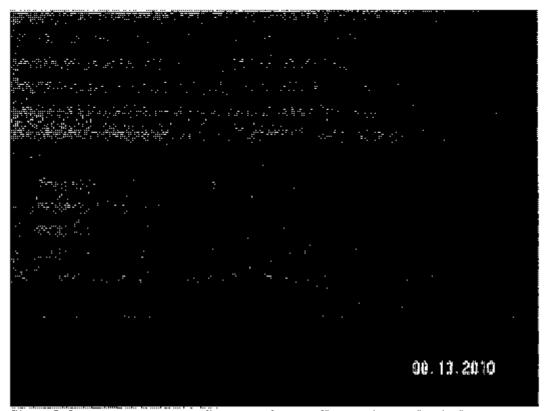


Photo 3: Dasoment garage, visible growth an wall apposite mechanical unit

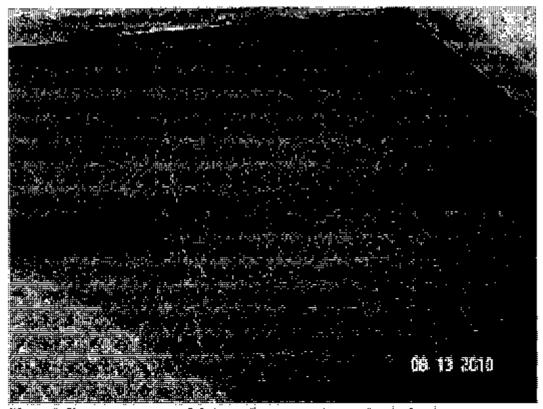


Photo St Basement garaga, daforis on floor opposite mechanical unit

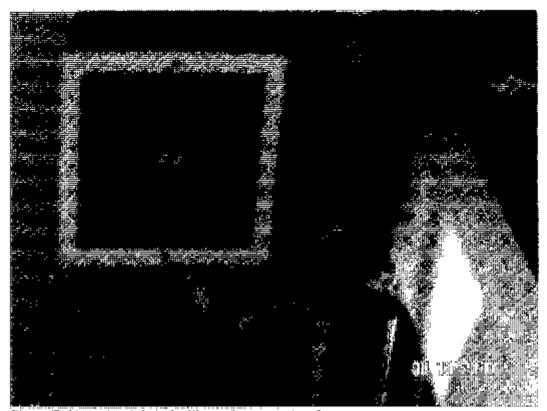


Photo 7: Vem the debots in Photo 6 are coming from



Photo 8: Garage wall outside Firing Range, chipping/peeling paint; water damage ceiling

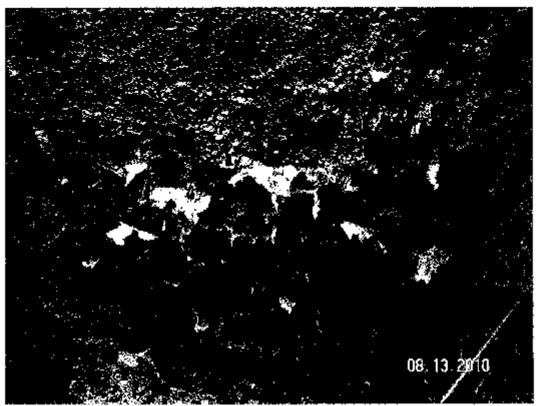


Photo 9: Garage wall outside Firing Range, chipping/peeling paint; water damage ceiling

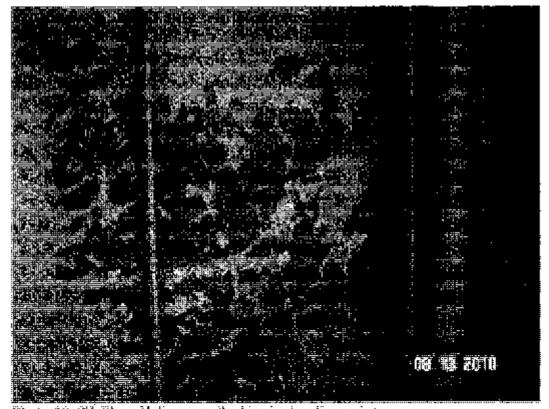


Photo 10: 22 Floor Hallway wall, chipping pealing paint



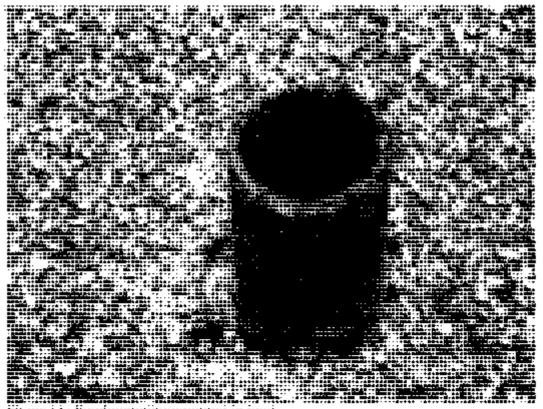
Photo FL 2<sup>rd</sup> Floor Hallway colling, chapping period



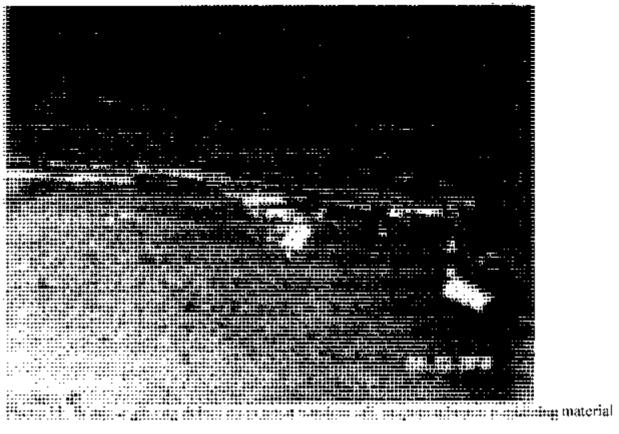
Photo 12: Exterior wall near ceiling, chipping/peeling black paint



Photo 13: RTU fresh air intake



Man it fodomije segni ir imi



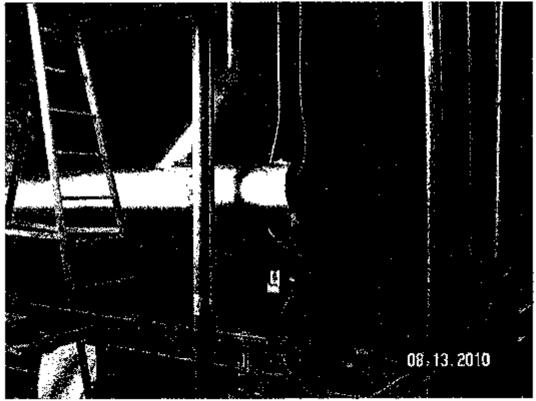


Photo 16: Boiler room



Photo 17: Boiler room: chipping/peeling paint and water damaged pipe

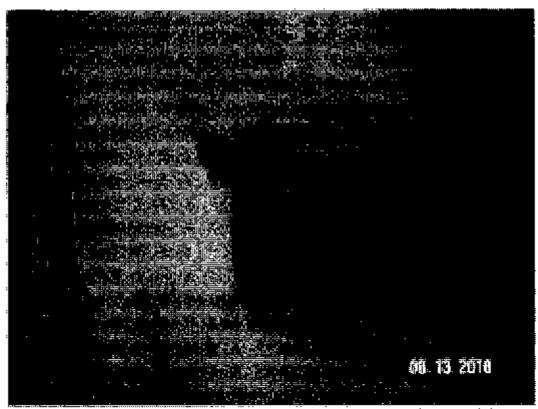


Photo 18: Hoder zoom; tank insulation, suspect asbestos containing material

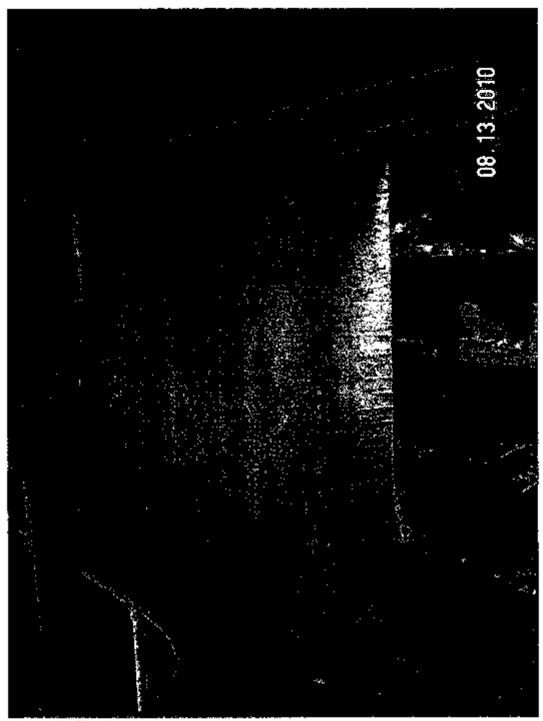


Photo 19: Fire door



Placta 20: Boiler room, standing water

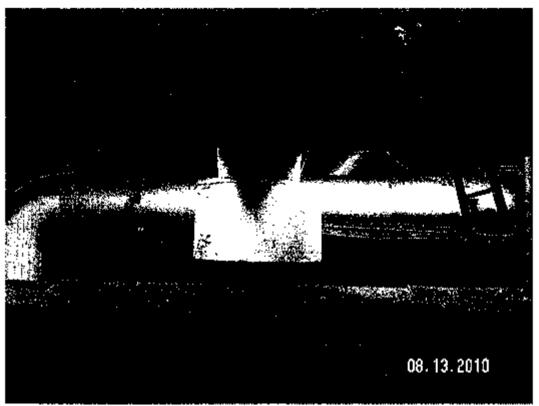
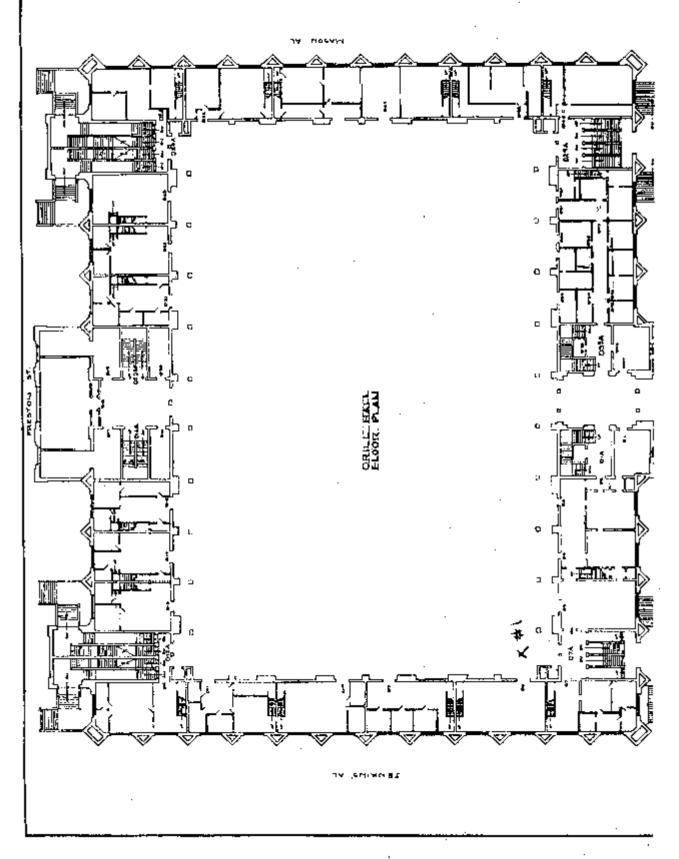


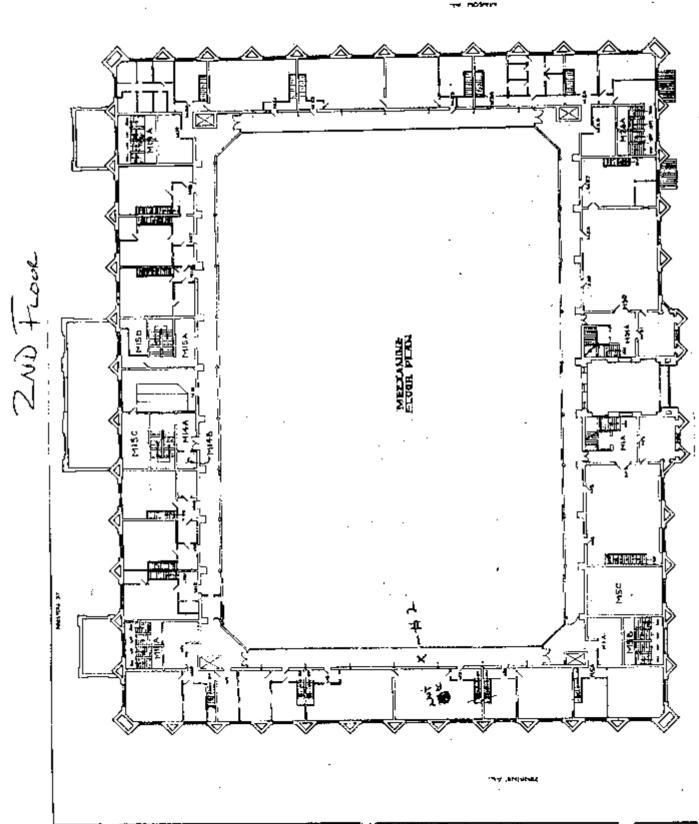
Photo 21: Visible growth on pipe insulation

# Appendix C Floor Plan



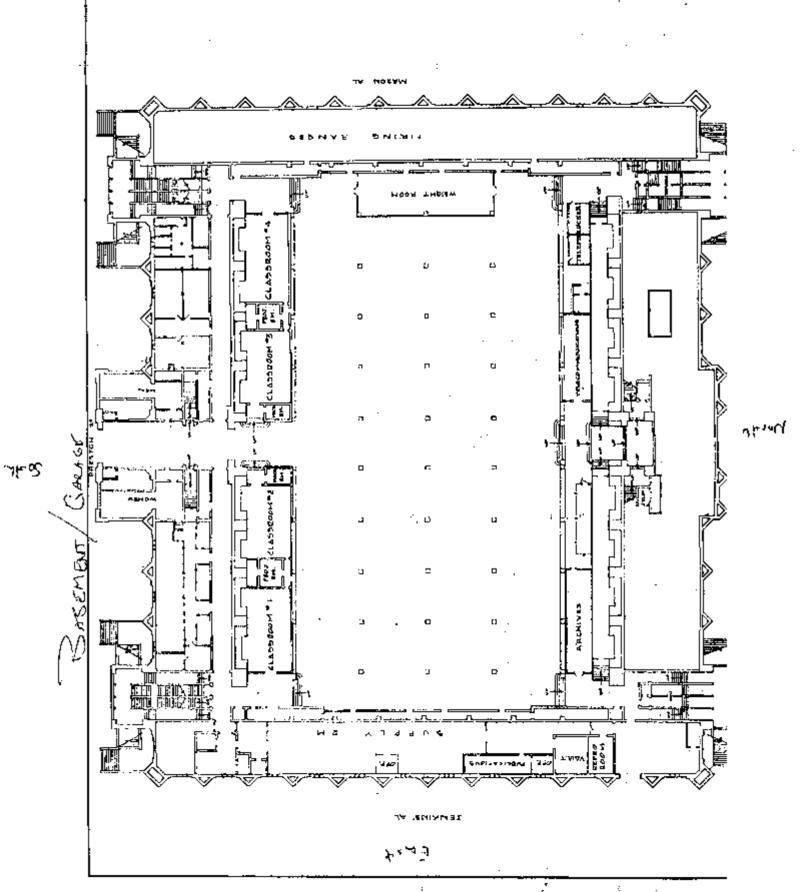








ACOM)



# Appendix D References

#### Appendix D. References

- 1. Title 29 Code of Federal Regulations (CFR), Part 1910.1025, Occupational Safety and Health Administration, Occupational Exposure to Lead
- American Conference of Governmental Industrial Hygienists (ACGIH) -Threshold Limit Values and Biological Exposure Indices, 2010 Edition
- Industrial Ventilation: A Manual of Recommended Practice for Design, 27th Edition
- 4. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Ventilation for Acceptable Indoor Air Quality, 62.1-2007
- 5. RP-1-2004, Industrial Lighting, Illuminating Engineering Society of North America/ANSI
- RP-7-2001, Industrial Lighting, Illuminating Engineering Society of North America/ANSI
- 7. National Emission Standard Hazardous Air Pollutants (NESHAP) The standards for asbestos are contained in 40 CFR 61.140 through 61.157.
- 8. Environmental Protection Agency (EPA) standards [40 Code of Federal Regulations (CFR) 745.227(h)(3)]
- 9. Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM)
- 10, The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation



1215 Manor Drive, Suite 205 Mechanicsburg, PA 17055 Phone: 717.590.7031 Fax: 717.590.7936

www.complianceplace.com

# Industrial Hygiene Survey Report

National Guard Facility 5<sup>th</sup> Regiment Readiness Center

Prepared For: National Guard Bureau Region North IH

301-IH Old Bay Lane

Havre de Grace, MD 21078

Survey Location: 5<sup>th</sup> Regiment Readiness Center

29<sup>th</sup> Division Street Baltimore, MD 21201

Prepared By: Compliance Management International, Inc.

1215 Manor Drive

Suite 205

Mechanicsburg, PA 17055

Survey Date: October 9, 2013

Report Date: December 16, 2013



Manager, Industrial Hygiene Services

#### BEST AVAILABLE COPY

## **Table of Contents**

| Section 1.0 Executive Summary                              | 3  |
|------------------------------------------------------------|----|
| Section 2.0 Operation Description & Observations           | 4  |
| Section 3.0 Lead Testing                                   | 5  |
| Section 4.0 Lighting                                       | 7  |
| Section 5.0 Indoor Air Quality                             | 8  |
| Section 6.0 Suspect Asbestos Containing Building Materials | 10 |
| Section 7.0 Equipment                                      | 11 |
| Section 8.0 Limitations                                    | 12 |
| Appendix A. Laboratory Analysis Report                     | 13 |
| Appendix B. Photographs                                    | 14 |
| Appendix C. Floor Plan                                     | 15 |
| Appendix D. References                                     | 16 |

#### **Section 1.0 Executive Summary**

An industrial hygiene survey was conducted on October 9, 2013, at the 5<sup>th</sup> Regiment Readiness Center located at 29<sup>th</sup> Division Street, Baltimore, MD 21201. The survey was performed by Mr. Non-Responsive and Mr. Non-Responsive.

- 1. Lead surface, bulk, and air samples were collected. Lead surface samples exceed the recommended guideline at two locations. One of the bulk samples was above the lead based paint limit. See Section 3.0 for detailed sampling results.
- 2. Lighting levels did not meet the American National Standards Institute/Illuminating Engineering Society of North America (ANSI/IESNA) recommended guideline in three locations. See Section 4.0 for detailed findings.
- 3. Indoor air quality (IAQ) parameters of temperature, relative humidity, carbon monoxide and carbon dioxide (ventilation) were evaluated during the assessment.
  - a. Temperature levels met the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) 55-2010 recommended guideline of 68-79 °F in areas sampled.
  - b. The relative humidity levels met the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) TG 277 recommended guideline of 30-60% in areas sampled.
  - c. Carbon monoxide (CO) levels were less than the National Ambient Air Quality Standard (NAAQS) recommended ceiling of 9 parts per million (ppm).
  - d. Carbon dioxide (CO<sub>2</sub>) levels met the ASHRAE 62.1-2013 recommended guidelines for mechanically ventilated office buildings and commercial settings.

See Section 5.0 for detailed sampling results.

#### **Section 2.0 Operation Description & Observations**

The 5<sup>th</sup> Regiment Readiness Center is mainly an administrative facility with a drill hall, offices, and classrooms. There were 300-400 full-time employees stationed at the facility at the time of this survey. There are 2 maintenance person assigned to the building.

The building is reported to have been built in 1901. It is a four (4) story structure with a basement. The exterior is quarry stone. The interior walls are drywall, block, concrete, and ceramic. The floors are wood, concrete, 12"x12" floor tiles, 9" x 9" floor tiles, and ceramic tile.

The heating system is a gas-fired hot water unit. Air conditioning in the facility is supplied by a roof-top unit and window units.

There is no child-care facility in the building.

No ergonomic concerns were reported. Office areas have computer work stations. Work stations appeared to be properly designed. Personnel had supportive chairs.

This facility contains a converted firing range (CFR) being used as a storage area (no access).

Suspect asbestos containing material (ACM) and chipped/peeling suspect lead-based paint were observed at the time of this survey.

Housekeeping is adequate.

It was reported that the building has several roof leaks.

Water damaged ceiling tiles were observed in several locations in the facility.

#### **Section 3.0 Lead Testing**

Various surfaces within the facility were screened for lead using surface/wipe samples. Surface/wipe samples were collected in accordance with the American Society for Testing and Materials (ASTM) E 1792 protocols. Air samples were collected using 0.8 micrometer (um) mixed cellulose ester (MCE) filter cassettes attached to low volume air sampling pumps. Blank samples were submitted to the laboratory for quality control purposes. Samples were sent to AMA Analytical Services, Inc., in Lanham, Maryland, for lead analysis using Environmental Protection Agency (EPA) Method 600/R-93/200 (M)-7420. A copy of the laboratory analysis report can be found in Appendix A.

#### **Lead Testing Results Summary**

| Sample # | Location                           | Bulk<br>(%) | Air<br>ug/m <sup>3</sup> | Surface<br>ug/ft <sup>2</sup> |
|----------|------------------------------------|-------------|--------------------------|-------------------------------|
| 1        | Drill Hall                         | *           | <5.5                     | *                             |
| 2        | CFR Corridor                       | *           | < 5.6                    | *                             |
| 3        | Blank                              | *           | <3                       | *                             |
| 4        | Blank                              | *           | *                        | <12                           |
| 5        | Drill Hall Floor Center            | *           | *                        | <110                          |
| 6        | Drill Hall Cabinet Top             | *           | *                        | 1,900                         |
| 7        | Office D37 Safe Top                | *           | *                        | <110                          |
| 8        | Office D21 File Cabinet Top        | *           | *                        | <110                          |
| 9        | AMO Frig Top                       | *           | *                        | <110                          |
| 10       | CFR Floor Outside Entrance         | *           | *                        | <110                          |
| 11       | Band Storage Room Table<br>Top     | *           | *                        | 510                           |
| 12       | Basement locker Room<br>Locker Top | *           | *                        | <110                          |
| 13       | Office M21 Table Top               | *           | *                        | <110                          |
| 14       | Office M5C TV Top                  | *           | *                        | <110                          |
| 15       | Office M17 Copier Top              | *           | *                        | <110                          |
| 16       | Office B12 Window Sill             | *           | *                        | <110                          |
| 17       | Office 23 Table Top                | *           | *                        | <110                          |
| 18       | Office B30 Desk Top                | *           | *                        | <110                          |
| 19       | Dining Bar Top                     | *           | *                        | <110                          |
| 20       | CFR Corridor Wall                  | 0.51        | *                        | *                             |
| 21       | 2 <sup>nd</sup> Floor Wall         | 0.014       | *                        | *                             |
| -        | Criteria                           | 0.5         | 50                       | 200                           |

#### Table Notes:

- 1. **Bolded** results exceed listed criteria
- 2. **ppm** = parts per million
- 3.  $ug/ft^2 = micrograms per square foot$
- 4.  $ug/m^3 = micrograms per cubic meter$
- 5. **ug** = micrograms

#### Sources:

- 1. NG PAM 420-15 Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges
- 2. OSHA 29CFR1910.1025 Lead Standard

The National Guard Bureau currently utilizes 200 micrograms per square foot (ug/ft²) as a benchmark for identifying lead-contaminated surfaces. This guideline is referenced in NG PAM 420-15 "Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges" as a satisfactory surface contamination level unless the facility is utilized as a childcare facility. In such cases, U.S. Department of Housing and Urban Development (HUD) limit of 40 ug/ft² on floors and 250 ug/ft² on window sills should be observed. There is no child care provided at this facility.

Lead surface, air, and bulk samples were collected. The following is a summary of the sample results from this survey.

- Surface levels of lead were above the recommended guideline of <200 ug/ft<sup>2</sup> on the drill hall cabinet and band storage room table.
- Air samples for lead were below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit of 50 micrograms per cubic meter (ug/m³).
- Bulk samples for lead were above the lead based paint limit on the wall of the converted firing range corridor.

#### **Section 4.0 Lighting**

A lighting assessment was conducted throughout the facility. Measurements were collected using a Cooke Cal-Light 400 Precision Light Meter (Serial No. 98011EL). The light meter was last calibrated in November 2012. Measurements collected were compared to ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

**Light Survey Assessment Summary** 

| Location          | Foot Candles | Recommended   | Sufficient |
|-------------------|--------------|---------------|------------|
|                   | (FC)         | Lighting (FC) | Lighting   |
| Drill Hall        | 25.8         | 10            | Yes        |
| Garage            | 7.0          | 75            | No         |
| Band Storage Room | 69.8         | 30            | Yes        |
| Amory Lounge      | 50.3         | 10            | Yes        |
| Armory Office     | 84.0         | 30-50         | Yes        |
| Office D28        | 56.4         | 30-50         | Yes        |
| Conference D28A   | 26.3         | 30            | No         |
| Copy Room         | 62.8         | 10            | Yes        |
| Mail Room         | 66.1         | 50            | Yes        |
| Office D25A       | 58.7         | 30-50         | Yes        |
| Office 25B        | 46.0         | 30-50         | Yes        |
| Office M5A        | 74.1         | 30-50         | Yes        |
| Office M21        | 25.4         | 30-50         | No         |
| Office M18        | 67.7         | 30-50         | Yes        |
| Office M17        | 37.9         | 30-50         | Yes        |
| Office 17A        | 51.3         | 30-50         | Yes        |
| Office B12        | 74.3         | 30-50         | Yes        |
| Office 10         | 151.4        | 30-50         | Yes        |
| Dining Room       | 45.0         | 30-50         | Yes        |

Table Notes:

- 1. FC = Foot Candles
- 2. **Bolded** results did not meet listed criteria

Source: ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

The lighting levels did not meet the minimum recommended guideline in Conference D28A, Office M21, and Vehicle Maintenance Garage.

#### **Section 5.0 Indoor Air Quality**

Survey measurements were made for comfort parameters and ventilation (temperature, relative humidity, carbon dioxide, and carbon monoxide). The air quality measurements were collected using direct reading instrumentation for comfort parameters using a QTRAK IAQ Meter, Model 7575-X (Serial #39018). The IAQ Meter was last calibrated in March 2013.

The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) have developed indoor air quality guidelines for mechanically ventilated office buildings and commercial settings (ASHRAE standard 62.1-2013). ASHRAE specifies temperature ranges for human comfort (ASHRAE 55-2010). The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, recommends maintaining a relative humidity range between 30 to 60%.

The following table summarizes the measurements collected.

**IAQ Assessment Summary** 

| Location   | Temperature (°F) | Relative<br>Humidity<br>(%) | Carbon<br>Dioxide<br>(ppm) | Carbon<br>Monoxide<br>(ppm) |
|------------|------------------|-----------------------------|----------------------------|-----------------------------|
| Outdoors   | 64.9             | 50.5                        | 389                        | 1.5                         |
| AMO Office | 72.1             | 47.8                        | 510                        | 0.4                         |
| Office D28 | 72.4             | 47.0                        | 630                        | 0.6                         |
| Office M5A | 73.3             | 45.3                        | 485                        | 0.5                         |
| Office M21 | 72.9             | 47.1                        | 516                        | 0.6                         |
| Office M18 | 73.3             | 46.7                        | 777                        | 0.9                         |
| Criteria   | 68-79            | 30-60                       | <1,089                     | <9                          |

Table Notes:

- 1. **Bolded** results exceed listed criteria
- 2. **ppm** = parts per million
- 3. (%) = percent relative humidity
- 4.  ${}^{\circ}\mathbf{F} = \text{degrees Fahrenheit}$

Sources: The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) 55-2010, 62.1-2013, Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) & The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation.

#### Summary of findings and recommendations:

- Temperature measurements met the recommended 68-79°F in all locations measured.
- Relative humidity levels met the recommended guideline of 30 60 % in all locations measured.
- Carbon dioxide levels were measured to evaluate building ventilation or the introduction of outdoor air into the building. The recommended ceiling is obtained by adding 700 ppm to the measured outdoor carbon dioxide level. For this survey, carbon dioxide levels did not exceed the recommended ceiling of 1,089 ppm (700 ppm + 389 ppm). This is an indication that outdoor air ventilation is adequate.
- Carbon monoxide levels measured were less than the recommended ceiling of 9 ppm. The recommended ceiling of 9 ppm referenced in the above table is the National Ambient Air Quality Standard for carbon monoxide
- A visual inspection was conducted throughout accessible portions of the facility to assess sources or pathways of factors potentially deleterious to IAQ. The following observation was noted:
  - 1. It was reported that the roof leaks in several places. Water-damaged ceiling tiles were observed in the administrative area stairwell. Sources should be identified and corrected to ensure no further damage occurs.
  - 2. Chipped and peeling paint (~750 square feet) was observed on walls in several areas of the facility. Samples were collected for lead paint analysis.

#### **Section 6.0 Suspect Asbestos Containing Building Materials (ACM)**

Suspect asbestos containing material (ACM) was noted at the time of this survey. 9"x9" floor tile was observed in the basement comprising approximately 40% of the total floor area.

Inaccessible areas such as behind walls or crawlspaces were not inspected. ACM could potentially be present in these areas.

#### **Section 7.0 Equipment**

The following equipment was utilized during this survey. All sampling equipment was properly calibrated prior to use and verified for accuracy as applicable. See daily reports and calibration logs for detailed information.

| Equipment                 | Serial # | <b>Calibration Date</b> | Value    |
|---------------------------|----------|-------------------------|----------|
| TSI QTrak IAQ Meter       | 1228014  | 5/2013                  | NA       |
| Cal Light 400 Light Meter | 98011EL  | 11/2012                 | NA       |
| SKC Air Sampling Pump     | 647631   | 10/09/13                | 2.58 LPM |
| SKC Air Sampling Pump     | 648349   | 10/09/13                | 2.55 LPM |

#### **Section 8.0 Limitations**

This report summarizes our evaluation of the conditions observed at the above referenced location. Our findings are based upon our observations and sampling results obtained at the facility at the time of our visit. The report, results, and subsequent recommendations reported herein are also limited to the information available at the time it was prepared and investigated. Conditions may have been in effect prior to the sampling events that have changed over time and which cannot be predicted within the scope of this limited investigation. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

This report is intended for the exclusive use of the client. This report and the findings herein shall not, in whole or in part, be relied upon by any other parties, disseminated or conveyed to any other party without prior written consent of the National Guard Bureau, and Compliance Management International, Inc. The findings are relative to the dates of our site visits and should not be relied upon for substantially later dates.

## Appendix A. Laboratory Analysis Report

# AMA Analytical Services, Inc.

BEST AVAILABLE COPY



#### CERTIFICATE OF ANALYSIS



LAB #100470

11/19/2013

Report Date:

Client:

National Guard Bureau

Job Name:

ARNG 4a MD

Chain Of Custody:

517186

Address:

301-IH Old Bay Lane, Attn: ARNG-CJG-P,

Havre de Grace, Maryland 21078

Job Location:

5th Regiment Armory

W912K6-09-A-0003

Date Submitted:

11/13/2013

State Military Reservation

Job Number:

P.O. Number:

Not Provided

Person Submitting: Date Analyzed:

11/19/2013

Attention:



Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |     | oorting<br>Limit | Total ug | Final Res | ult    | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|-----|------------------|----------|-----------|--------|----------|
| 14010758             | 1                       | Flame         | Air         | 542               | N/A                 | 5.5 | ug/m³            | <3       | <5.5      | ug/m³  |          |
| 14010759             | 2                       | Flame         | Air         | 536               | N/A                 | 5.6 | ug/m³            | <3       | <5.6      | ug/m³  |          |
| 14010760             | 3                       | Flame         | Air Blank   | 0                 | N/A                 | 3   | ug/m³            |          | <3        | ug     |          |
| 14010761             | 4                       | Flame         | Wipe Blank  | ****              | N/A                 | 12  | ug               |          | <12       | ug     |          |
| 14010762             | 5                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010763             | 6                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | 200      | 1900      | ug/N²  |          |
| 14010764             | 7                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010765             | 8                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010766             | 9                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft2 ·         | <12      | <110      | ug/ft² |          |
| 14010767             | 10                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/fl²           | 55       | 510       | ug/ft² |          |
| 14010768             | 11                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010769             | 12                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | 40       | 370       | ug/fl² |          |
| 14010770             | 13                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010771             | 14                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/fl² |          |
| 14010772             | 15                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010773             | 16                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010774             | 17                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/fl² |          |
| 14010775             | 18                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010776             | 19                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

#### BEST AVAILABLE COPY

# AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



LAB #100470

11/19/2013

Client:

National Guard Bureau

Job Name:

ARNG 4a MD

Chain Of Custody:

517186

Address:

Attention:

301-IH Old Bay Lane, Attn: ARNG-CJG-P,

Job Location:

5th Regiment Armory

W912K6-09-A-0003

Date Submitted:

11/13/2013

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided

Person Submitting:

Date Analyzed:

associated with these

samples.

11/19/2013

Report Date:

Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| Number   | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | 7-10-10 PM | orting<br>imit | Total ug | Final Res | iii. | Comments |
|----------|-------------------------|---------------|-------------|-------------------|---------------------|------------|----------------|----------|-----------|------|----------|
| 14010777 | 20                      | Flame         | Paint Chip  | ***               | N/A                 | 0.0073     | %Pb            |          | 0.51      | %Pb  |          |
| 14010778 | 21                      | Flame         | Paint Chip  | ***               | N/A                 | 0.0081     | %Pb            |          | 0.014     | %Pb  |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7000B; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7010; Water: SM-3113B

mg/Kg = parts per million (ppm) on a dry weight basis mg/L = parts per million (ppm) N/A = Not Applicable %Pb = percent lead on a dry weight basis

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Final results for air and wipe samples are based on client supplied information nor verified by this laboratory.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Posted to NGB FOIA Reading Room

on-Responsiv Ana

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types. locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#100470) and PESTEAN AN (#100470) pecredited Laboratory

OWI (410) 247-2024

159202

210 REV. 6.08

10/9

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

## **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires)

|                                                                                                                         | tional Guard Bureau                                                                                                                                           |                |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                          | Su        | bmit         | al Infor   | mation    | AR                                        | NG                     | 1         | ta                                      | m               | D                       |                                   | 1/2         |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------|-----------|--------------|------------|-----------|-------------------------------------------|------------------------|-----------|-----------------------------------------|-----------------|-------------------------|-----------------------------------|-------------|
| 2 Address to 20                                                                                                         | 1-IH Old Bay Lane                                                                                                                                             |                |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                          | 2         | Tob          | Location   |           | 574                                       | Reg                    | imi       | uT                                      | Ar              | mory                    |                                   |             |
| Address 1: 30                                                                                                           | n: NGB-ARS-IHNE                                                                                                                                               |                |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                          | 3         | Iob          | #:         |           |                                           |                        |           |                                         | D               | ONSIV                   | -A-0003                           |             |
| Address 2: Attr                                                                                                         | vre de Grace, Marylan                                                                                                                                         | J 0405         | 7.0                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | 10                                       | 4         | Con          | tact Pers  | M         | Or                                        |                        |           | 00                                      | In              | oneiv                   | <b>^</b>                          |             |
| . Address 3:Hav                                                                                                         | vie de Grace, Marylani<br>942-0273                                                                                                                            | 0 2107         | ///                              | 042 0254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | -                                        | 5         | Sub          | mitted by  | IN        |                                           |                        |           | 7                                       | ) P             | OHEIN                   |                                   |             |
| . Phone #:(410) 9                                                                                                       | 142-02/3                                                                                                                                                      | rax #          | Panar                            | ting Infor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | mation           | n /Dosi                                  | ilte w    | II be        | provide    | 98 800    | n as t                                    | echni                  | cally     | feasib                                  | le):            |                         |                                   | 4           |
| PERD HOURS                                                                                                              |                                                                                                                                                               |                | Repor                            | ting intor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N                | ORMA                                     | I. RUS    | INES         | SHOUR      | 1 213 300 |                                           | centin                 |           |                                         | ,.              | RE                      | ORT TO:                           |             |
| Immediate Date Due                                                                                                      | nust be pre-scheduled)                                                                                                                                        |                | ☐ Immedi                         | iate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | O3D              | 210                                      |           |              | - D        | le- D     | equired                                   | R <sub>v</sub> N       | oon       | <b>X</b> )                              | Includ          | e COC/Field Data She    | ets with Report                   | Commence of |
|                                                                                                                         | c:                                                                                                                                                            |                | Next D                           | ay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DYS D            | ay +                                     | . 1 -     | .1.          | 3          | everyAt   | empt V                                    | Vill Be                | oon       | 80                                      | Bmail           | shirley.chapmar         | 1 Que army mil                    | place.com   |
| Comments:                                                                                                               |                                                                                                                                                               |                | 🗘 2 Day                          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Date D           | ue:                                      | 1120      | 110          | 2 N        | lade to   | ccomo                                     | date)                  |           | 100                                     | Fax:_           | s: ken.forsyth          | e@us.army.mil                     |             |
|                                                                                                                         |                                                                                                                                                               |                |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                          | •         |              |            |           |                                           | -                      |           | _                                       |                 |                         |                                   |             |
| sbestos Analysis                                                                                                        |                                                                                                                                                               |                | - 0                              | TEM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                          |           |              |            | 230       |                                           |                        | Meta      | s Anal                                  | ysis            | pe (wipe type Gtto:     | Λ.                                |             |
| CM Air - Please Indicat  NIOSH 7400                                                                                     | e Filter Type:                                                                                                                                                |                |                                  | DELA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | P 198.           | 4/Chatfi                                 | eld       | *            | (QT        | Y)        |                                           |                        | G         | Pb D                                    | ıst Wi          | pe (wipe type Gtto:     | T 16                              | (OTY)       |
| ☐ Fiberglass                                                                                                            | (QTY)                                                                                                                                                         |                |                                  | ☐ Resi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dual As          | LM/IE                                    | м         | (0)          | (QTY       | ,         |                                           |                        | - 1       | Pb A                                    | 1 -             | (QTY)                   |                                   |             |
| EM Air - Please Indicate                                                                                                | e Filter Type:                                                                                                                                                |                | 3                                | TEM Dust                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                          |           |              |            |           |                                           |                        | C         | Pb Sc                                   | il/Sol          | (QT)                    | )                                 |             |
| ☐ AHERA<br>☐ NIOSH 7402                                                                                                 | (QTY)                                                                                                                                                         |                |                                  | Qual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | l. (pres/        | abs) Va                                  | cuum/I    | Dust         |            | (QT       | Y)                                        |                        | Ę         | l Po 10<br>l Drink                      | ine W           | (QTY)<br>ater □ Pb(QTY) | O Cu (OTY) O                      | As (OTY)    |
| Other (specify                                                                                                          | (Q11)                                                                                                                                                         | (QTY)          |                                  | U Quai                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | n. (s/arc        | a) Vacu                                  | D6480     | 755-9        | 5          | OT        | (11)                                      |                        | C         | Waste                                   | Wate            | r $\Box$ Pb(QTY) $\Box$ | Cu(QTY) Q As                      | (QTY)       |
| LM Bulk                                                                                                                 |                                                                                                                                                               |                |                                  | TEM Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | n. (szare        | ajDust                                   | D0460     | -99_         |            | -/4.      | ,                                         |                        |           | Pb Ft                                   | mace            | (Media                  | )(QTY                             | )           |
| EPA 600 – Visual                                                                                                        | Estimate(Q                                                                                                                                                    | TY)            |                                  | Oual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | . (pres/         | abs)                                     |           | (            | QTY)       |           |                                           | -                      | Fung      | l Ana                                   |                 | apparatus for Spore Tra | ac/Air Camples                    |             |
| NY State Friable                                                                                                        | (QTY)<br>198.1 (QTY)<br>198.6 (QTY)                                                                                                                           |                |                                  | O ELA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | P 198.           | 2/EPA 1                                  | 00.2_     | 10TV         | (Q         | TY)       |                                           |                        |           | Colle                                   | tion !          | Aedia                   |                                   |             |
| Grav. Reduction E                                                                                                       | LAP 198.6(                                                                                                                                                    | QTY)           |                                  | ☐ EPA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                                          |           |              |            |           |                                           |                        |           | Spore                                   | -Trap           | (QTY)                   | Surface Vacuum Dust               | (QTY)       |
| IISC Other (specify                                                                                                     | )                                                                                                                                                             | (((11)         |                                  | Alls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | amples           | receive                                  | d in go   | od co        | ndition ur | less oth  | rwise r                                   | noted.                 | 5         | Surfa                                   | ce Sw           | ab(QTY) Q               | Culturable ID Genus (Media        | (QT)        |
| ☐ Vermiculite                                                                                                           |                                                                                                                                                               |                |                                  | (TEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                                          |           |              | _          |           |                                           |                        |           |                                         |                 | e(QTY) □                | Culturable ID Species (Medi       | a           |
| - Tellingonie                                                                                                           |                                                                                                                                                               |                | WOODGOOD SEN                     | Land Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the C |                  |                                          |           |              |            |           |                                           |                        | 100       | Other !                                 | Specify         |                         |                                   |             |
| ☐ Asbestos Soil PLM_                                                                                                    | _(Qual) PLM(Quan) PLM/TEM,                                                                                                                                    |                | M/TEM_(Q.                        | uan)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | /8/8/                                    | 17376     | 18           |            |           | 18                                        | AATD                   | TV.       | Other (                                 | Specify         |                         | LIENT CONTACT                     |             |
| ☐ Asbestos Soil PLM_                                                                                                    | SAMPLE INFORMATI                                                                                                                                              | ION            |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 >              | AN                                       | ALYS      | Z)           | 21.        | , / 'L'   | PIE                                       | MATR                   | IX        | Other (                                 | Specify         | ./                      | LIENT CONTACT                     |             |
| CLIENT ID NUMBER                                                                                                        | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)               | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEM              | AN<br>Sol                                | ALYS      | (S)          | MOLD       | BULK      | S. C. C.                                  | MATR                   | IX        | Other (                                 | Specify         | (LAB                    | LIENT CONTACT<br>DRATORY STAFF ON | LY)         |
| CLIENT ID                                                                                                               | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)               | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEN.             | AN<br>E                                  | ALYS      | S OF /       | MOLD       | BULK      | D'SE TON                                  | AATR                   | IX        | Other (                                 | Specify of Mr.  | (LABO                   |                                   | LY)By:      |
| CLIENT ID NUMBER                                                                                                        | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)               | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEN.             | AN AN                                    | ALYS      | S P P        | MOLD       | Bulk      | 25.65                                     | MATR<br>  Feb          | IX        | Other (                                 | Specify / St.   | (LAB                    | DRATORY STAFF ON                  | 100         |
| CLIENT ID NUMBER                                                                                                        | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)               | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEM              | AN<br>LOW /                              | ALYS      | (S) OFF      | MOLD       | BULK      | D. S. LEG                                 | MATR<br>  ESE          | IX        | Other (                                 | Specify Specify | (LAB                    | DRATORY STAFF ON                  | 100         |
| CLIENT ID NUMBER  DRICE HALL  CFR                                                                                       | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEM              | AN<br>LOW /                              | ALYS      | S OF /       | MOLD       | BULK      | D. S. EST                                 | MATR                   | IX        | Other (                                 | Specify Specify | (LAB                    | DRATORY STAFF ON                  | 100         |
| CLIENT ID  CLIENT ID  NUMBER  DRILL HALL  CFR  BLANK  BLANK                                                             | SAMPLE INFORMATI<br>SAMPLE LOCATION/<br>IDENTIFICATION                                                                                                        | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TEM              | PCM W                                    | ALYS      | (S) OPST     | MOLD       | BULK      | TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE | MATR<br>  Head         | IX Sold   | Other (                                 | Specify / S     | (LAB                    | DRATORY STAFF ON                  | 100         |
| CLIENT ID  CLIENT ID  NUMBER  DRILL HALL  CFR  BLANK  UKANK  OTHER HALL                                                 | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION                                                                                                         | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEM              | ANA COM                                  | ALYS      | S G G        | MOLD       | BULK      | D. S. E. E.                               | MATR<br>  Est<br>  Set | IX See    | Other (                                 | Specify 3       | (LAB)                   | ORATORY STAFF ON<br>Contact:      | Ву:         |
| CLIENT ID  NUMBER  DRILL HALL  CFR  BLANK  UKANK  OVILL HALL  DVILL HALL                                                | SAMPLE INFORMATI SAMPLE LOCATION IDENTIFICATION  FIGO A CTA                                                                                                   | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M3 <u>U</u>      | CON NA                                   | ALYS      | (S) OF /     | MOLD       | BULK      | 15 E                                      | MATR<br>/ Est          | IX        | Other (                                 | Specify         | (LAB)                   | ORATORY STAFF ON<br>Contact:      | Ву:         |
| CLIENT ID  NUMBER  DRILL HALL  CFR  BLANK  UKANK  OVER HALL  DVILL HALL  ROOM 37D                                       | SAMPLE INFORMATI SAMPLE LOCATION IDENTIFICATION  FLOOR CTR Fire CADINET 70P                                                                                   | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEM              | PCM N                                    | ALYS      | (S) (O) (37) | MOLD       | PULL      | 15 K                                      | MATR<br>/For           | IX Took   | Other (                                 | Specify         | (LAB)                   | ORATORY STAFF ON<br>Contact:      | Ву:         |
| CLIENTID NUMBER  / DRILL HALL  S BLANK  / OVILL HALL  Drill HALL  / Room 37D  Room Dal                                  | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FLOOR CTR FICE CADINET TOP SAFE TOP FILE CAB TOP                                                       | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEM              | AN LON AN                                | ALYS      | S OF /       | MOLD       | BULK      | D. S. S. S. S. S. S. S. S. S. S. S. S. S. | MATR<br>/ See          | IX        | Other (                                 | Specify         | (LAB)                   | ORATORY STAFF ON<br>Contact:      | Ву:         |
| CLIENTID NUMBER  DRICL HALL  CFR  BLANK  BLANK  OYLL HALL  ROOM 37D  ROOM DAI  AMO Area                                 | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FLOOR CTR FIRE CADINET TOP SAFE TOP FILE CAD TOP REFING TOP                                            | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | / <sub>NSU</sub> | AN AN AN AN AN AN AN AN AN AN AN AN AN A | ALYS      | (S) OEJ      | MOLD       | BULK      | D. S. S. S. S. S. S. S. S. S. S. S. S. S. | MATR<br>  Mark         | IX See as | Other (                                 | Specify A       | Date/Time:              | Contact:  Contact:                | By:         |
| CLIENTID NUMBER  CLIENTID NUMBER  DRILL HALL  CFR  BLANK  OVILL HALL  ROOM 37D  ROOM DAI  AMO Area  OFR-OUTSIDE         | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FLOOR CTR FICE CADINET TOP SAFE TOP FILE CAD TOP REFRIG TOP FLOOR                                      | DATE           | VOLUME<br>(LITERS)<br>542<br>536 | WIPE<br>AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEN TEN          | AA AA AA AA AA AA AA AA AA AA AA AA AA   | ALYS      | (S) Org.     | MOLD       | BULK      | D. S. S. S. S. S. S. S. S. S. S. S. S. S. |                        | IX 32     | [APE                                    | SWan            | Date/Time:  Date/Time:  | Contact:  Contact:  Contact:      | By:         |
| CLIENTID NUMBER DRILL HALL CFR BLANK OYLL HALL PROOM 37D ROOM DAI AMO AYER CAND STORY                                   | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FIGURE CADINET TOP SAFE TOP FILE CAB TOP REFRIG TOP FLOOR TABLE TOP                                    | DATE           | VOLUME<br>(LITERS)<br>548<br>536 | WIPE AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                          |           |              |            |           |                                           |                        | IX 32     | [APE                                    | SWan            | Date/Time:  Date/Time:  | Contact:  Contact:  Contact:      | By:         |
| CLIENTID NUMBER DRILL HALL CFR BLANK OYLL HALL PROOM 37D ROOM DAI AMO AYER CAND STORY                                   | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FIGURE CADINET TOP SAFE TOP FILE CAB TOP REFRIG TOP FLOOR TABLE TOP                                    | DATE           | VOLUME<br>(LITERS)<br>548<br>536 | WIPE AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                          |           |              |            |           |                                           |                        | IX 32     | [APE                                    | SWan            | Date/Time:  Date/Time:  | Contact:  Contact:  Contact:      | By:         |
| CLIENTID  CLIENTID  NUMBER  DRICE HALL  CFR  BLANK  OVILL HALL  ROOM 37D  ROOM DZI  AMO AYER  CAND STORY                | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FIRE CADINET TOP  SAFE TOP  FILE CAD TOP  REFRIG TOP  FLOOR  TABLE TOP  ER LOCKE TOP  1. Date/Time RCV | DATE L'O/q/17  | VOLUME<br>(LITERS)<br>548<br>536 | WIPE AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>3</b> @       |                                          | )<br>Via: |              |            | & B       | (Print)                                   |                        | IX 32     | [APE                                    | SWan            | Date/Time:              | Contact:  Contact:  Contact:      | By:         |
| CLIENTID NUMBER  DRILL HALL  CFR  BLANK  ONLY HALL  PROOM 37D  ROOM 27D  ROOM DAI  AMO Area  OFR-ourside  BASEMENT LOCK | SAMPLE INFORMATI<br>SAMPLE LOCATION<br>IDENTIFICATION  FIGURE CADINET TOP SAFE TOP FILE CAB TOP REFRIG TOP FLOOR TABLE TOP                                    | DATE I VIGILIA | VOLUME<br>(LITERS)<br>548<br>536 | WIPE AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 @              |                                          | Via:      | P            | eel        | B         | C-(Print)                                 |                        | IX See    | Sar Sar Sar Sar Sar Sar Sar Sar Sar Sar | / Start         | Date/Time:  Date/Time:  | Contact:  Contact:  Contact:      | By: By:     |

LOT 3/23/12 EXP 9/15

May, 2018

BEST AVAILABLE COPY FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau

Page 826 of 5269

OV4 (410) 247-2024

159202

210 REV. 6.08



AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 5171860

2082

| I. Client Name: National Guard Bureau                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                   |                                  |                         | 7.50 5103 | Job Nai                  | nforma<br>ne: | P        | IRN      | 16,1       | lan                                                    | D                                   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------|-------------------------|-----------|--------------------------|---------------|----------|----------|------------|--------------------------------------------------------|-------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   |                                  |                         |           | Job Loc                  | ation!        | 5        | th R     | legime     | nt A                                                   |                                     |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3. Address 2: Attn: NGB-ARS-IHNE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                                  |                         |           | Job #:                   |               |          |          |            |                                                        | PO                                  |                                                       | 6-09-A-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0003                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4. Address 3: Havre de Grace, Maryland 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 078                               |                                  |                         | 4.        | Contact                  | Person        | No       | n        |            | 90                                                     | n                                   | onsi                                                  | VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5. Phone #: (410) 942-0273 Fax                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | #: (410) 9                        | 42-0254                          |                         | - 5.      | Submitt                  | ed by:        | AC       | 711      |            | 90                                                     | M۱                                  |                                                       | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 5. Phone #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Reporting                         | ng Inforn                        | nation (Re              | sults wil | l be pro                 | vided as      | soon a   | s tech   | nically i  | easible                                                | );                                  |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| AFTER HOURS (must be pre-scheduled)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | жероги                            | ing Timot in                     | NORM                    | AL BUS    | NESS H                   | OURS          |          | 1012.000 |            |                                                        |                                     |                                                       | REPOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | T TO:                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immediate Date Due:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ☐ Immediat                        | ie C                             | 3 Day                   |           |                          | n Resu        | ts Reoni | ired By  | v Noon     | ⊠ In                                                   | clude (                             | COC/Field Date                                        | a Sheets w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ith Report<br>Complian<br>Us.army.mil                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 24 Hours Time Due:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Next Day                          | , y                              | Day +                   |           |                          |               |          |          |            | XI Er                                                  | nail:                               | nirlay chan                                           | man1@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | compilar                                                                                            | cepiace.a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 Day                             | I                                | Date Due:               |           |                          | - Made        | to Acco  | omodat   | te)        | □ Ve                                                   | X: SI                               | ken for                                               | sythe@                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | us.army.mil                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| William Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of th |                                   |                                  |                         |           |                          |               |          |          | ACMINISTRA |                                                        |                                     | Kermor                                                | STORE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | usiaim yiiim                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ti                                | EM Bulk                          |                         |           |                          |               |          |          | Metal      | Analys                                                 | is Chin                             | 2                                                     | OTV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PCM Air – Please Indicate Filter Type:  ☐ NIOSH 7400(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |                                  | 198.4/Chat              |           |                          |               |          |          | (2)        | Ph Dus                                                 | t Wine                              | (wipe type Co                                         | HOST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16                                                                                                  | _(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ☐ Fiberglass (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                   |                                  | tate PLM/TI             |           |                          | (QII)         |          |          |            | Pb Air_                                                | -3                                  | (QTY)                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                     | -0.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EM Air – Please Indicate Filter Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | T                                 | FM Dust                          |                         |           |                          |               |          |          |            | Pb Soil                                                | Solid.                              |                                                       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| □ AHERA(QTY) □ NIOSH 7402(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   | Oual.                            | (pres/abs) \            | /acuum/D  | ust                      |               | (QTY)    | 2223     |            |                                                        |                                     | QT (QT                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | u(QTY) 🗆                                                                                            | As (OTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Other (specify ) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | )                                 | Quan.                            | (s/area) Va             | cuum D5   | 155-95 _                 | -             | (QT)     | Y)       | ٥          | Waste \                                                | Water (                             | OPb (OT                                               | Y) D Cu_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (QTY) A                                                                                             | s(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                   | Quan.<br>EM Water                | (s/area)Du              | st D6480- | 99                       |               | Q11)     |          | ā          | Pb Furr                                                | ace (N                              | Aedia                                                 | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (QTY                                                                                                | ()                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ☐ EPA 600 – Visual Estimate (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | .11                               | Oual.                            | (pres/abs)_             |           | (QT                      | Y)            |          |          |            | Analys                                                 |                                     |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No.                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ☐ EPA Point Count(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                   | DELAF                            | 198.2/EPA               | 100.2     | - ',                     | (OTY)         |          |          |            | Collecti                                               | on An                               | paratus for Spor                                      | re Traps/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ir Samples:                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| D NV State Griphle 108 1 (OTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   | And Wanted of                    | 120,21211               | 100.4     |                          | -14.1         |          |          |            |                                                        |                                     | 47                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ☐ NY State Friable 198.1(QTY) ☐ Grav. Reduction ELAP 198.6(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                   | ☐ EPA I                          | 100.1                   | (         | QTY)                     | _(Q.1)        |          |          |            | Collecti                                               | on Me                               | dia                                                   | □ Surf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ace Vacuum Dust                                                                                     | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ì                                 | ☐ EPA I                          | mules recei             | ved in go | QTY)                     |               |          | ise note | _ 0        | Collecti<br>Spore-1                                    | on Me                               | (QTY)                                                 | Surf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ace Vacuum Dust<br>rable ID Genus (Med                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ☐ Grav. Reduction ELAP 198.6(QTY) ☐ Other (specify)(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ı                                 | ☐ EPA I                          | mples receivater sample | ved in go | QTY)                     |               |          | ise note | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface              | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)                               | Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cul |                                                                                                     | ia((                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                   | ☐ EPA I                          | mules recei             | ved in go | QTY)                     |               |          | ise note | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface              | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)                                        | Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cultural Cul | rable ID Genus (Med                                                                                 | ia((                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ☐ Grav. Reduction ELAP 198.6 (QTY) ☐ Other (specify ). (QTY) ☐ Vermiculite ☐ Asbestos Soil PLM_(Qual) PLM_(Quan) PLM/TEM_(Qual)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PLM/TEM(Quan                      | ☐ EPA I ☐ All se (TEM W          | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)                               | Cultu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | rable ID Genus (Med                                                                                 | ia(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ☐ Grav. Reduction ELAP 198.6 (QTY) ☐ Other (specify ) (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ###   | PLM/TEM_(Quan                     | ☐ EPA I ☐ All sa (TEM W          | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)                      | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT                                          | ia((                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ☐ Grav. Reduction ELAP 198.6 (QTY) ☐ Other (specify ) (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ### (QTY)  ###   | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF OF                         | ia)((ia)((ia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  ### Other (specify ) (QTY)  ### Other (specify ) (QTY)  ### Other (specify ) (QTY)  ### Other (specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  ### Other (Specify ) (QTY)  # | PLM/TEM_(Quan VOLUME E (LITERS)   | ☐ EPA I ☐ All sa (TEM W          | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)                      | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT                                          | ia((                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  IISC Vermiculite Asbestos Soil PLM_(Qual) PLM_(Quan) PLM/TEM_(Qual) CLIENT ID NUMBER SAMPLE LOCATION NUMBER IDENTIFICATION DATE    3   TABLE TO P   PR/14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF OF                         | ia)((ia)((ia)((ia)((ia)((ia)((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)_((ia)((ia)_((ia)_((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia)((ia_) |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  IISC Vermiculite Asbestos Soil PLM_(Qual) PLM_(Quan) PLM/IEM_(Qual) CLIENT ID NUMBER SAMPLE INFORMATION DATE  SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite OASBESTOR SAMPLE TO P  Vermiculite | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF OF                         | ia)((ia)((ia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  IISC Vermiculite Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) CLIENT ID SAMPLE INFORMATION NUMBER DENTIFICATION DATE  A MALL TABLE TO P (P)  M M TO TO P  B 12 WINDOW 5.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF OF                         | ia)((ia)((ia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  IISC Vermiculite Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) CLIENT ID SAMPLE INFORMATION NUMBER DENTIFICATION DATE  A MALL TABLE TO P (P)  M M TO TO P  B 12 WINDOW 5.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF OF                         | ia)((ia)((ia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY) ISC Vermiculite Asbestos Soil PLM (Qual) PLM (Quan) PLM/IEM (Qual) CLIENT ID SAMPLE LOCATION NUMBER IDENTIFICATION DAT IDENTIFICATION DAT IN M5C TV TOP M5C TV TOP M5C TV TOP M5C TV TOP B12 Window 5:11 7 Reom 23 Table TOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF Of<br>Contact:             | ia)(ia)(lia)(lia)(lia)(lia)(lia)(lia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  Structure (Qual) PLM_(Qual) PLM/IEM_(Qual)  CLIENT ID SAMPLE LOCATION  NUMBER IDENTIFICATION DATE  TOP  M5C TV TOP  B12 Window 5.11  Room 23 Table top  8 630 Desk TOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF Of<br>Contact:             | ia)(ia)(lia)(lia)(lia)(lia)(lia)(lia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  Some Control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>Trap<br>Swab<br>Tape_      | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF Of<br>Contact:             | ia)( iia)( iia)( ILY)  By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  IISC  Vermiculite  Asbestos Soil PLM (Qual) PLM (Qual) PLM/TEM (Qual)  SAMPLE INFORMATION  CLIENT ID  NUMBER  CLIENT ID  NUMBER  TABLE TOP  13 M21 TABLE TOP  14 M5C TV TOP  15 M 77 (Cop/ex TOP)  15 B 12 window 5:11  7 Room 23 Table TOP  8 B 30 Desk TOP  9 Dining BAR TOP  20 Basement FR Hallway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Mee                              | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)  Date/Time: | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF ON<br>Contact:<br>Contact: | ia)(ia)(isa)(isa)(isa)(isa)(isa)(isa)(isa)(isa)(isa)(isa)(isa)(isa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  ISC  Vermiculite  Asbestos Soil PLM (Qual) PLM (Quan) PLMIEM (Qual)  SAMPLE INFORMATION  SAMPLE LOCATION  NUMBER  SAMPLE LOCATION  DENTIFICATION DAT  TOP  FINANCE  TOP  B 12 Window 5:11  7 Room 23 Table top  9 Dining BAR TOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Mee                              | (QTY)<br>(QTY)<br>(QTY)<br>(QTY)<br>(QTY)             | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF Of<br>Contact:             | ia)(ia)(lia)(lia)(lia)(lia)(lia)(lia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  IISC  Vermiculite  Asbestos Soil PLM (Qual) PLM (Qual) PLM/TEM (Qual)  SAMPLE INFORMATION  CLIENT ID  NUMBER  CLIENT ID  NUMBER  TABLE TOP  13 M21 TABLE TOP  14 M5C TV TOP  15 M 77 (Cop/ex TOP)  15 B 12 window 5:11  7 Room 23 Table TOP  8 B 30 Desk TOP  9 Dining BAR TOP  20 Basement FR Hallway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Mee                              | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)  Date/Time: | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med rable ID Species (Med NT CONTACT FORY STAFF OF Contact:  Contact:               | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  IISC  Vermiculite  Asbestos Soil PLM (Qual) PLM (Qual) PLM/TEM (Qual)  SAMPLE INFORMATION  CLIENT ID  NUMBER  CLIENT ID  NUMBER  TABLE TOP  13 M21 TABLE TOP  14 M5C TV TOP  15 M 77 (Cop/ex TOP)  15 B 12 window 5:11  7 Room 23 Table TOP  8 B 30 Desk TOP  9 Dining BAR TOP  20 Basement FR Hallway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PLM/TEM_(Quan VOLUME E (LITERS)   | DEPA I  All sa (TEM W  WIPE AREA | mples recei             | ved in go | QTY)<br>od condit<br>°C) | on unless     | otherwi  | ¿MA'     | ed.        | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Mee                              | (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)  Date/Time: | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med rable ID Species (Med NT CONTACT FORY STAFF OF Contact:  Contact:               | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Grav. Reduction ELAP 198.6 (QTY) Other (specify ) (QTY)  ### CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTR | PLM/TEM_(Quan VOLUME (LITERS) 3 4 | O EPA II SO (TEM W               | mples receivater sample | NALYSI    | QTY)  od condit  CO)     | on unless     | otherwi  | SMA /    | TRIX       | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>frap Swab<br>Tape<br>exify | (QTY)(QTY)(QTY))(QTY) / / / Date/Time:  Date/Time:    | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med<br>rable ID Species (Med<br>NT CONTACT<br>FORY STAFF ON<br>Contact:<br>Contact: | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Grav. Reduction ELAP 198.6 (QTY)  Other (specify ) (QTY)  IISC  Vermiculite  Asbestos Soil PLM (Qual) PLM (Qual) PLM/TEM (Qual)  SAMPLE INFORMATION  CLIENT ID  NUMBER  CLIENT ID  NUMBER  TABLE TOP  13 M21 TABLE TOP  14 M5C TV TOP  15 M 77 (Cop/ex TOP)  15 B 12 window 5:11  7 Room 23 Table TOP  8 B 30 Desk TOP  9 Dining BAR TOP  20 Basement FR Hallway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PLM/TEM_(Quan VOLUME (LITERS) 3 4 | O EPA II SO (TEM W               | mples receivater sample | NALYSI    | QTY)  od condit  CO)     | on unless     | otherwi  | SMA /    | TRIX       | Collecti<br>Spore-T<br>Surface<br>Surface<br>Other (Sp | on Me<br>frap Swab<br>Tape<br>exify | (QTY)(QTY)(QTY))(QTY) / / / / Date/Time:  Date/Time:  | CLIE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | rable ID Genus (Med rable ID Species (Med NT CONTACT FORY STAFF OF Contact:  Contact:               | By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Lot 3/23/12 Exp 9/15

May, 2018

Released by National Guard Bureau Page 827 of 5269

# Appendix B. Photographs



5<sup>th</sup> Regiment RC



Drill Hall



Corridor Outside Converted Firing Range (CFR)



Peeling Paint in CFR Corridor

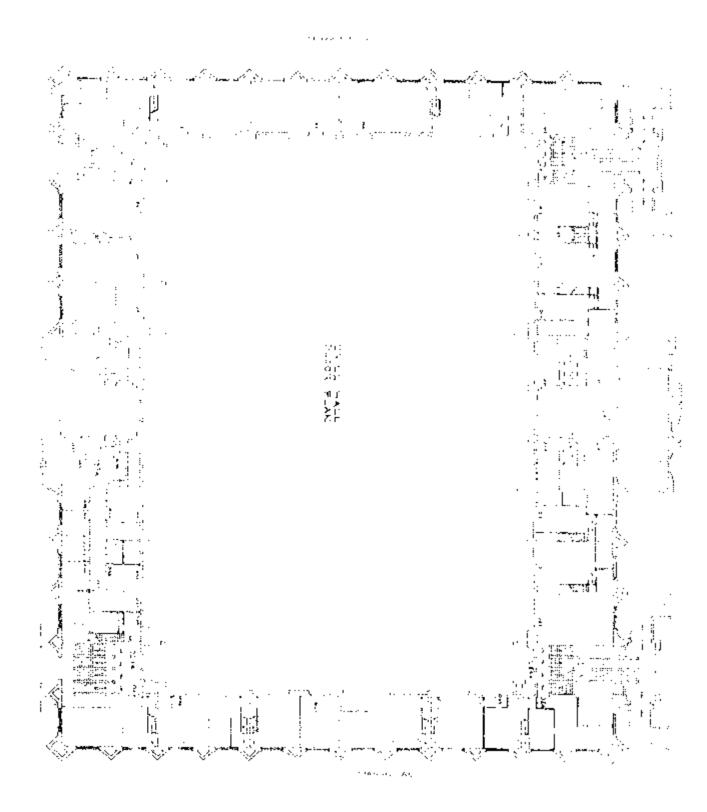


Suspect Asbestos Containing Material 9"x9" Floor Tile

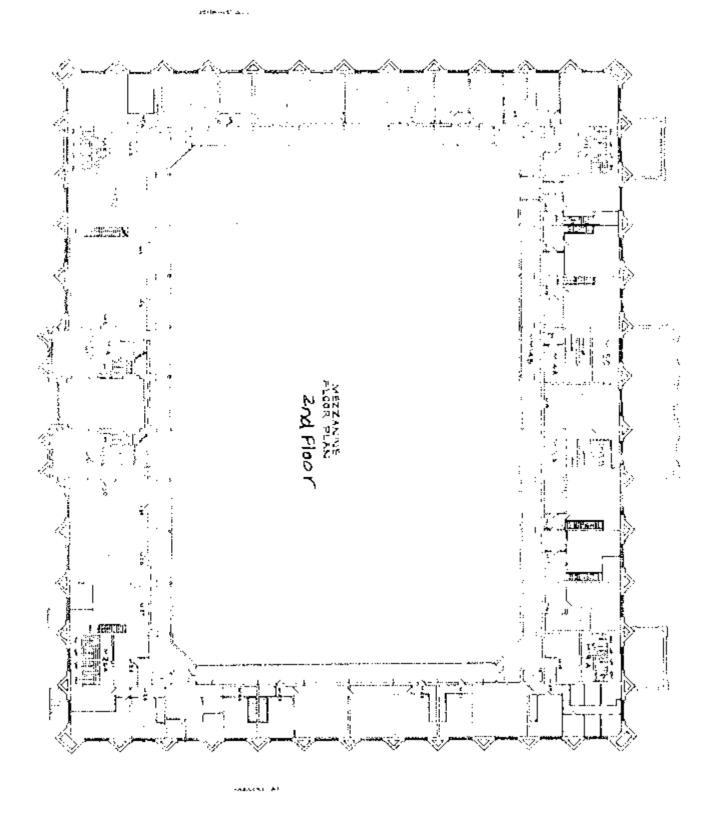


Peeling Paint on 2<sup>nd</sup> Floor Wall

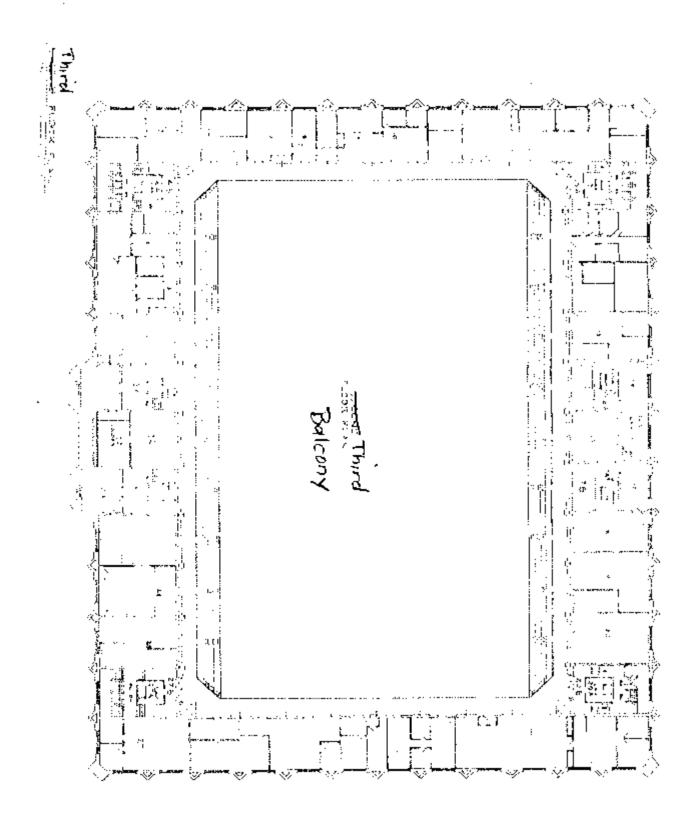
#### Appendix C. Floor Plan



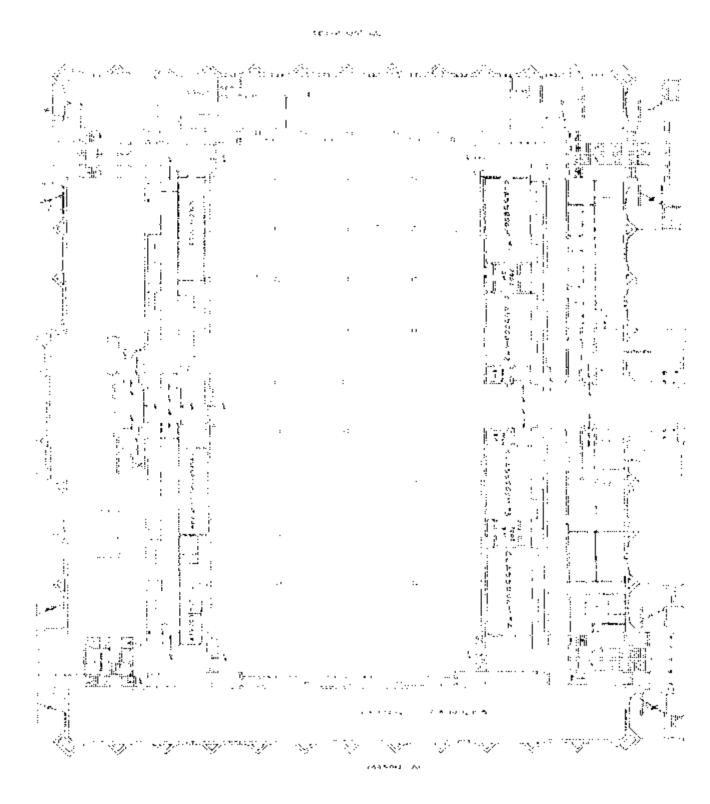














#### **Appendix D. References**

- 1. Title 29 Code of Federal Regulations (CFR), Part 1910.1025, Occupational Safety and Health Administration, Occupational Exposure to Lead.
- 2. American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values and Biological Exposure Indices, 2013 Edition.
- 3. Industrial Ventilation: A Manual of Recommended Practice for Design, 28<sup>th</sup> Edition.
- 4. American National Standards Institute (ANSI)/American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Ventilation for Acceptable Indoor Air Quality, 62.1-2013.
- 5. RP-1-2004, Industrial Lighting, Illuminating Engineering Society of North America/ANSI.
- 6. RP-7-2001, Industrial Lighting, Illuminating Engineering Society of North America/ANSI.
- 7. National Emission Standard Hazardous Air Pollutants (NESHAP) The standards for asbestos are contained in 40 CFR 61.140 through 61.157.
- 8. National Ambient Air Quality Standards (NAAQS) National primary ambient air quality standards for carbon monoxide 40 CFR 50.8.
- 9. Environmental Protection Agency (EPA) standards [40 Code of Federal Regulations (CFR) 745.227 (h) (3)].
- 10. Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM).
- 11. The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, February 2002.
- 12. NG PAM 420-15 Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges, 3 Nov 06.
- 13. ANSI/American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Thermal Environmental Conditions for Human Occupancy, 55-2010.

Page 837 of 5269

#### BEST AVAILABLE COPY



#### DEPARTMENT OF THE ARMY

#### US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE 5158 BLACKHAWK ROAD ABERDEEN PROVING GROUND MD 21010-5403

MCHB-TS-OFS

23 FEBRUARY 2006

MEMORANDUM FOR Region North Industrial Hygiene Office (NGB-AVS-SI-IH/Ms. Non-Responsive), Army National Guard Bureau, 301-IH Old Bay Lane, Havre de Grace, MD 21078

SUBJECT: Maryland Army National Guard Facilities Industrial Hygiene Baseline Surveys, LTC Melvin H. Cade Armory, Baltimore, MD, Report No. 55-ML-01ED-03/06

- 1. Enclosed is the final copy of the subject report and two CD-ROMs.
- 2. Our point of contact is Ms. Non-Responsive, at commercial (410) 436-5475/3118, DSN 584-5475/3118 or electronic mail: @us.army.mil

FOR THE COMMANDER:

Non-Responsive

Encl

Director, Occupational Health Sciences

CF:

USACHPPM-NORTH (MCHB-AN-IH/MR. Non-Responsive

Readiness thru Health

Printed on Recycled Paper

# U.S. Army Center for Health Promotion and Preventive Medicine



INDUSTRIAL HYGIENE FIELD SERVICES
REPORT NO, 55-ML-01ED-03/06
MARYLAND ARMY NATIONAL GUARD FACILITIES
INDUSTRIAL HYGIENE BASELINE SURVEY
LTC MELVIN H. CADE ARMORY
BALTIMORE, MARYLAND
27 AUGUST 2003













Approved for public release; distribution unlimited.

#### Readiness Thru Health

DESTRUCTION NOTICE - Desiroy by any resthod that will prevent disclosure of contents or reconstruction of the document.

#### U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE

The U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) lineage can be traced back over 50 years to the Army Industrial Hygiene Laboratory. That organization was established at the beginning of World War II and was under the direct jurisdiction of The Army Surgeon General. It was originally located at the Johns Hopkins School of Hygiene and Public Health, with a staff of three and an annual budget not to exceed \$3000. Its mission was to conduct occupational health surveys of Army operated industrial plants, ersenals, and depots. These surveys were aimed at identifying and aliminating occupational health hazards within the Department of Defense's (DOD) industrial production base and proved to be beneficial to the Nation's war effort.

Until 1995, it was nationally and internationally known as the U.S. Army Environmental Hygiene Agency or AEHA. Its mission is expanding to support the worldwide preventive medicine programs of the Army, DOD and other Federal Agencies through consultational supportive services; investigations and training.

Today, AEHA is redesignated the U.S. Army Center for Health Promotion and Preventive Medicine. Its mission for the future is to provide worldwide technical support for implementing preventive medicine, public health and health promotion/wellness services into all espects of America's Army and the Army Community anticipating and rapidly responding to operational needs and adaptable to a changing work environment.

The professional disciplines represented at the Center include chemists, physicists, engineers, physicians, optometrists, audiologists, nurses, industrial hygienists, toxicologists, entomologists, and many other as wall as sub-specialities within these professions.

The organization's quest has atways been one of excellence and continuous quality improvement; and today its vision, to be the nationally recognized Center for Health Promotion and Preventive Medicine, is clearer than ever. To achieve that end, it holds ever fast to its values which are steeped in its rich hertage:

- Integrity is the foundation
- Excellence is the standard
- · Customer satisfaction is the focus
- its people are the most valued resource
- Continuous quality improvement is its pathway

The organization, which stands on the threshold of even greater challenges and responsibilities, has General Officer leadership. As it moves into the next century, new programs are being adved related to health promotion/wellness, soldier filness and disease surveillance. As always, its mission focus is centered upon the Army Imperatives so that we are trained and ready to enhance the Army's readiness for war and operations other than war.

It is an organization fiercely proud of its history, yet equally excited about the future. It is destined to continue its development as a world-class organization with expended services to the Army, DOD, other Federal Agencies, the Nation and the World Community.

CHPPATRORMAN E (MCHB CS:IPD), OCT 83 (mresse)

#### **BEST AVAILABLE COPY**

# MDARNG IH Baseline Survey, LTC Melvin H. Cade Armory, Baltimore, MD, Report No. 55-ML-01ED-03/06

#### CONTENTS

| Pa | uragraph                                      | Page |
|----|-----------------------------------------------|------|
| 1. | REFERENCES                                    | 1    |
| 2. | PURPOSE                                       | 1    |
| 3. | AUTHORITY                                     | 1    |
| 4. | BACKGROUND                                    | 1    |
| 5. | FACILITY EVALUATION                           | 1    |
| 6. | ASSESSMENT CRITERIA FOR LEAD                  | 2    |
| 7. | SAMPLING RESULTS, DISCUSSION, AND CONCLUSIONS | 3    |
| 8. | RECOMMENDATIONS                               | 4    |
| 9. | ADDITIONAL ASSISTANCE                         | 5    |
| Αl | PPENDICES                                     |      |
| Α. | REFERENCES                                    | A-1  |
| В. | SAMPLING SHEETS AND LAB ANALYSES              | B-1  |
| C. | ASSESSMENT CRITERIA                           | C-1  |
| D. | MOLD GUIDANCE                                 | D-1  |
| E. | LEAD CLEANING GUIDANCE                        | E-1  |

#### **BEST AVAILABLE COPY**



#### DEPARTMENT OF THE ARMY

US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE 5158 BLACKHAWK ROAD ABERDEEN PROVING GROUND MD 21010-5403

MCHB-TS-OFS

EXECUTIVE SUMMARY
INDUSTRIAL HYGIENE FIELD SERVICES
REPORT NO. 55-ML-01ED-03/06
MARYLAND ARMY NATIONAL GUARD FACILITIES
INDUSTRIAL HYGIENE BASELINE SURVEY
I.TC MELVIN H. CADE ARMORY
BALTIMORE, MARYLAND
27 AUGUST 2003

1. PLRPOSE OF EVALUATION. To conduct surveys at Maryland Army National Guard (MDARNG) facilities to identify and measure the existence and extent of potentially hazardous operations or conditions.

#### 2. CONCLUSIONS.

- a. <u>Lead Exposure</u>. Levels of lead in dust that exceeded safe limits for adults and children were identified. These levels may result in health hazards to adults and to children visiting the Armory. Personnel working in the Armory were tracking dust containing lead throughout the facility. Cleaning areas with clevated levels of lead in dust may further prevent lead from becoming redistributed throughout the Armory.
- b. <u>Asbestos</u>. A comprehensive asbestos abatement was being performed during the time of the survey. A site Asbestos Management Plan (AMP) was not found in the Armory. Army policy requires the Armory to establish and execute an AMP for any asbestos that remains in the facility after the abatement.
- c. <u>Safety Hazards</u>. Areas of the Drill Hall floor were buckling, causing a potential tripping hazard.

#### 3. RECOMMENDATIONS.

a. <u>Mold Exposure</u>. Health Hazard Risk Assessment Code (RAC) 4. Abate all areas of visible mold on the Drill Hall wall and the gym wall (Converted Indoor Firing Range). For additional guidance on moisture control and mold remediation in the Armory refer to U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) Technical Guide (TG) 278, Industrial Hygiene/Preventive Medicine Mold Assessment Guides, and USACHPPM TG 277, Army Facilities Management Information Document on Mold Remediation Issues in Appendix C.

Readiness thru Health

Primedioe. Recycled Paper

- b. <u>Lead Exposure</u>. Health Hazard RAC 3. Repair and stabilize all deteriorated paint. Clean horizontal surfaces in the administrative areas to the National Guard Bureau (NGB) Region North and USACHPPM decontamination levels. Comprehensive guidelines for cleaning are in Appendix D. Address all potential lead hazards before continuing to extend the use of this facility to children. If children will visit this facility, clean the floors of the gym to the Environmental Protection Agency lead in dust standards for young children, and clean other horizontal surfaces in the Armory to the NGB Region North and USACHPPM decontamination level for lead in dust on frequently contacted surfaces. Ensure that personnel wear disposable gloves and disposable coveralls as extra protection when working in all areas identified as having clevated levels of lead. Consult with the MDARNG Environmental Coordinator concerning waste disposal requirements after clean up.
- c. <u>Asbestos Exposure</u>. Health Hazard RAC 5 if the facility has passed asbestos clearance sampling. Develop an AMP for any asbestos that remains after abatement.
  - d. Safety. Safety RAC 3. Replace the damaged floor tiles in the Drill Hall.

#### **BEST AVAILABLE COPY**

MDARNG IH Baseline Survey, LTC Melvin H. Cade Armory, Baltimore, MD, Report No. 55-ML-01ED-03/06

#### CONTENTS

| Pa | ragraph Pa                                    | ge          |
|----|-----------------------------------------------|-------------|
| 1. | REFERENCES                                    | !           |
| 2. | PURPOSE                                       | 1           |
| 3. | AUTHORITY                                     | 1           |
| 4. | BACKGROUND                                    | <b>l</b>    |
| 5. | FACILITY EVALUATION                           | 1           |
| 6. | ASSESSMENT CRITERIA FOR LEAD                  | 2           |
| 7, | SAMPLING RESULTS, DISCUSSION, AND CONCLUSIONS | 3           |
| 8. | RECOMMENDATIONS                               | 4           |
| 9. | ADDITIONAL ASSISTANCE                         | 5           |
| Αŀ | PPENDICES                                     |             |
| A. | REFERENCES                                    | ı-1         |
| В. | SAMPLING SHEETS AND LAB ANALYSES              | <b>3-</b> 1 |
| C. | ASSESSMENT CRITERIA                           | :-1         |
| D. | MOLD GUIDANCE                                 | )-l         |
| Ε. | LEAD CLEANING GUIDANCE                        | E-1         |

Posted to NGB FOIA Reading Room

May, 2018

# INDUSTRIAL HYGIENE FIELD SERVICES REPORT NO. 55-ML-01ED-03/06 MARYLAND ARMY NATIONAL GUARD FACILITIES INDUSTRIAL HYGIENE BASELINE SURVEY LTC MELVIN H. CADE ARMORY BALTIMORE, MARYLAND 27 AUGUST 2003

- 1. REFERENCES. See Appendix A.
- 2. PURPOSE OF EVALUATION. To conduct surveys at Maryland Army National Guard (MDARNG) facilities to identify and measure the existence and extent of potentially hazardous operations or conditions. This survey will serve as a baseline so that an occupational exposure history can be compiled for each civilian or military employee.
- 3. AUTHORITY. Fax, National Guard Bureau Region North Industrial Hygiene Office (NGB-AVS-SI-IH/Ms. Non-Responsive), 28 February 2003, subject: SAB.
- 4. BACKGROUND INFORMATION.
- a. <u>Armory Background Information</u>. The Armory mission was transportation, and the resident unit was the 243rd Engineer Company. The approximate date of construction was 1959.
- b. <u>Armory Use by Children</u>. The MD Military Department is currently advertising Cade Armory as available for rental for activities that include young children.
- c. <u>Point of Contact (POC)</u>. The POC was the Cade Armory manager, 2620 Winchester Street, Baltimore, MD 21216, (410) 566-2170.
- 5. FACILITY EVALUATION.
  - a. Physical Condition of Facilities.
- (1) Paint. The age of the building indicated that the presence of lead-based paint (LBP) was likely. The Armory interior had been recently painted, and the paint was in good condition in all rooms except for two, which had some areas of deteriorated paint. Staff Sergeant Ruth McCuen, Environmental Compliance Assessment Coordinator for the MD National Guard Bureau, (NGB), did not have any records of lead inspections or abatement.
- (2) Asbestos. Staff Sergeant McCuen stated that a comprehensive asbestos abatement was ongoing, and would continue during the time of the survey. A site Asbestos Management Program Plan (AMP) was not found. Army policy requires the Armory to establish and execute an AMP for any asbestos that remains in the facility after the abatement.

- (3) Mold and Moisture Problems. There was some damage on the Drill Hall wall due to moisture. There was mold on the wall midway in the gym.
- (4) Safety Hazards. Areas of the Drill Hall floor were buckling, causing a potential tripping hazard.
- (5) Indoor Firing Range (IFR). The firing range had been closed, and was being used as a gym. No records of cleaning or lead abatement in the IFR could be located.
- b. <u>Safety and Occupational Health Programs</u>. Employees attended the Occupational Safety and Health Administration (OSHA) Hazardous Materials and Hazard Communication training courses. There were no lead or asbestos management plans in the facility.
- c. <u>Heating, Ventilation, and Air-conditioning Systems</u>. The building was heated with a natural gas distribution system and cooled with window mounted air-conditioning units.
- d. <u>Indoor Air Quality (IAQ)</u>. Measurements were conducted to determine if the IAQ mer the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. recommended guidelines. An air quality monitor was used for the measurements
- e. <u>Noise</u>. No operations with the potential to generate hazardous noise levels were identified.
- f. <u>Lighting</u>. All areas appeared to be adequately lit and occupants reported no areas of deficient lighting.
- ASSESSMENT CRITERIA FOR LEAD. See Appendix B.
- a. Lead in Air. The Army complies with the OSHA 8-hour time-weighted average Permissible Exposure Limit of 50 micrograms of lead per cubic meter (μg/m³) of air.
  - b. Lead in Dust.
- (1) The Environmental Protection Agency (EPA) and State of Maryland limits for lead in dust are 40 micrograms per square foot ( $\mu g/R^2$ ) on floors, 250  $\mu g/R^2$  on window sills, and 400  $\mu g/R^2$  in window troughs. These limits apply to pre-1978 Army facilities only if children under 6 years of age occupy them for 60 or more hours per year.
- (2) The U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) applies these limits to areas of MDARNG facilities that children may occupy, regardless of the amount of time that children occupy them.

- (3) The NGB Region North concurs with the USACHPPM recommended safe limit of 200 μg/ft<sup>2</sup> on floors and surfaces frequently contacted by facility employees, which was adopted from OSHA guidance in the compliance letter CPL 02 02.58. This is more stringent for window sills than the EPA/State standards.
- c. Lead in Paint. Paint containing lead levels of 0.5 percent or more by weight in dried solid (also reported as 5,000 milligrams per kilogram) is considered to be LBP according to both Federal and Maryland State Regulations. Paint containing lead levels of more than 0.7 milligrams per square centimeter is considered to be LBP according to Maryland State Regulations. In Army Regulation 420-70, Buildings and Structures, lead-contaminated paint (LCP) is defined as any paint containing detectable amounts of lead. The Army considers LCP to be potentially hazardous to children if it is disturbed or deteriorating.
- d. <u>Lead Carcinogenicity</u>. The Department of Health and Human Services National Toxicology Program (NTP) released the Report on Carcinogens, Eleventh Edition in February 2005. The NTP report lists "lead and lead compounds" as "reasonably anticipated being human carcinogens,"
- SAMPLING RESULTS, DISCUSSION, AND CONCLUSIONS.
- a. Lead in Air. General area lead in air sampling was conducted in the Study Hall and the Administrative Office. The air sample results were below laboratory reporting limits. All air samples were below the OSHA standard of  $50 \,\mu\text{g/m}^3$  for lead in air. There was no overexposure to personnel from lead in air in this building.
- b. <u>Lead in Dust and Paint</u>. Lead in dust and paint sample locations and analytical results are shown in Table 1. Sample results greater than 40 μg/ft² for floors, 200 μg/ft² for other surfaces, and greater than 0.5% lead for bulk samples are highlighted.

TABLE 1. LEAD IN SURFACE DUST AND PAINT

| Wipe Sample | Location of Samples                                    | Result             |  |  |
|-------------|--------------------------------------------------------|--------------------|--|--|
| Number      |                                                        |                    |  |  |
| BCW01       | Converted IFR (gym)/Floor/Former Baffle                | <b>1600</b> μg/ft² |  |  |
| BCW02       | Converted IFR (gym)/Floor/One Foot Outside Door to IFR | <b>1.0</b> μg/ft²  |  |  |
| BCBULK01    | Basement NCO Club/Wall Near Dining Area Window         | 0.2 % Pb           |  |  |
| BCBULK02    | Converted IFR (gym)/Midway On Wall                     | 1.4.36 Pb          |  |  |

- (1) <u>Lead in Dust</u>. The gym floor lead in dust sample result exceeded the EPA and State of Maryland limits for young children. This sample result also exceeded the NGB Region North and USACHPPM recommended levels for lead in dust on frequently contacted surfaces. Personnel working in this room were potentially exposed to high levels of lead, and may have been tracking lead out of the area and redistributing it into adjacent rooms in the Armory. This level is of concern for personnel working in this area, and can result in lead exposures for the general workforce and for children visiting this facility.
- (2) <u>Lead in Paint</u>. One deteriorated paint sample result was above the EPA standard for LBP of 0.5 percent lead in paint. Both sample results exceeded the laboratory analytical detection limits of 0.05 percent, and are therefore LCP. The results ranged from 0.2 percent to 1.4 percent lead in paint. Deteriorated LBP and LCP are a potential hazard for employees and for children.
- c. <u>IAQ</u>. The IAQ sample locations and results are shown in Table 2. All IAQ measurements for temperature, carbon dioxide, and relative humidity met the ASHRAE recommended guidelines.

 $CO_2$ Ť Standard RH  $CO_2$ (Outdoor Temp Standard Standard RH Location Standard (°F) (%) (mqq) ↓ CO2 (°F) (°F) (%) plus 700 (summer) (winter) ppm) Outdoors: 348 81 65.3 Drill Hall 435 <1080 80 71-81 68.0-74.5 67.1 30-60

TABLE 2. INDOOR AIR QUALITY MEASUREMENTS

- 8. RECOMMENDATIONS. The Department of Defense Instruction 6055.1 provides Risk Assessment Codes (RACs) for health hazards, a procedure which allows assessment of the magnitude of exposure to physical, chemical, and biological agents and the possible medical effects of exposure. The RAC is an expression of the risk associated with the hazard and combines the hazard severity and accident probability into a single number. The RACs enable one to prioritize hazards. They range in magnitude from 1 to 5, with 1 being the highest priority.
- a. <u>Mold Exposure</u>. Health Hazard RAC 4. Abate all areas of visible mold from the Drill Hall wall and the gym wall. For additional guidance on moisture control and mold remediation in the Armory refer to USACHPPM Technical Guide (TG) 278, Industrial Hygiene/Preventive

Medicine Mold Assessment Guides, and USACHPPM TG 277, Army Facilities Management Information Document on Mold Remediation Issues in Appendix C.

- b. <u>Lead Exposure</u>. Health Hazard RAC 3. Repair and stabilize all deteriorated paint. Clean horizontal surfaces in the administrative areas to the NGB Region North and USACHPPM decontamination levels. Comprehensive guidelines for cleaning are in Appendix D. Address all potential lead hazards before continuing to extend the use of this facility to children. If children will visit this facility, clean the floors in the gym to the EPA lead in dust standards for young children, and clean other horizontal surfaces in the Armory to the NGB Region North and USACHPPM decontamination level for lead in dust on frequently contacted surfaces. Ensure that personnel wear disposable gloves and disposable coveralls as extra protection when working in all areas identified as having elevated levels of lead. Consult with the MDARNG Environmental Coordinator concerning waste disposal requirements after clean up.
- c. <u>Asbestos Exposure</u>. Health Hazard RAC 5 if the facility has passed asbestos clearance sampling. Develop an AMP to document the asbestos abatement and all recommended actions.
  - d. Safety. Safety Hazard RAC 3. Replace the damaged floor tiles in the Drill Hall.
- 9. ADDITIONAL ASSISTANCE. For additional assistance or questions concerning this report, please contact the undersigned at DSN 584-3118, commercial 410-436-3118, or by electronic mail: Non-Responsive @us.army.mil



Industrial Hygienist USACHPPM Lead and Asbestos Team Leader Industrial Hygiene Field Services Program

APPROVED:

# Non-Responsive

MAJ, MS Administrative Program Manager Industrial Hygiene Field Services Program

#### APPENDIX A

#### REFERENCES

#### Literature Cited

- Occupational Safety and Health Administration, Title 29, Code of Federal Regulations (CFR), Part 1910, current ed. 1910.107 and 1019.94. http://www.osha.gov/comp-links.html
- 2. Department of Defense Instruction (DODI) 6055.1, Department of Defense Occupational Safety and Health (OSH) Program, 19 August 1998. http://www.dtic.mil/whs/directivescorres/pdf/i60551\_081998/i60551p.pdf
- AR 40-5, Preventive Medicine, 22 July 2005. http://www.usapa.army.mil/pdffiles/r40\_5.pdf
- AR 385-10, The Army Safety Program, 29 February 2000. http://www.usapa.armv.mil/pdffiles/r385\_10.pdf
- DA PAM 40-501, Medical Services, Hearing Conservation Program, 10 December 1998. http://www.usapaarmy.mil/pdffiles/p40\_501.pdf
- DA PAM 40-503, Medical Services, Industrial Hygiene Program, 30 October 2000. http://www.usapa.armv.mil/pdffiles/p4C 503.pdf
- OSHA 29 CFR 1910.1200, Hazard Communication, current ed. http://www.osha.gov/pls/oshaweb/owadisp.show\_document?p\_id=10099&p\_table= STANDARDS.
- 8. American Conference of Governmental Industrial Hygienists (ACGIH), Threshold Limit Values and Biological Exposure Indices, ACGIII, Cincinnati, OH 2005. http://www.acgih.org/TLV/
- 9. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) 62-2002, Ventilation for Acceptable Indoor Air Quality. http://www.ashrac.org
- 10. ANSI 2358.1-2004, American National Standards Institute, Inc. American National Standard for Emergency Eyewash and Shower Equipment.

#### **BEST AVAILABLE COPY**

- 11. Illuminating Engineering Society of North America, ANSI/IESNA, RP-I-1993, Office Lighting.
- 12. ACGIH, Industrial Ventilation: A Manual of Recommended Practices, 25th ed. 2003.
- 13. U.S. Army National Guard Bureau, Design Guide 415-2 Design Guide for Logistics Facilities, 30 November 1990.
- 14. EPA 40 CFR, Part 61--National Emission Standards for Hazardous Air Pollutants, Subpart M--National Emission Standard for Asbestos.

#### APPENDIX B

SAMPLING SHEETS AND LAB ANALYSES

# AMA Analytical Services, Inc. A Specialized Environmental Laboratory

#### **CERTIFICATE OF ANALYSIS**



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

116952

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Havre de Grace, Maryland 21078

Job Location:

Not Provided

Date Analyzed:

09/09/2003

State Military Reservation

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Non-Responsive

Attention:

Non-Responsive

Report Date:

09-Sep-03

Page I of 2

#### Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Cilent Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Repo<br>Li | orting<br>imit | 1 | inal Resu | ılt    | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|------------|----------------|---|-----------|--------|----------|
| 0366784              | QA Blank 01             | Flame         | Wipe Blank  | ****              | N/A                 | 12.00      | ug             | < | 12        | ug     |          |
| 0366785              | QA Wipe 01              | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         |   | 3700      | ug/ft² |          |
| 0366786              | QA W02                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         |   | 2100      | ug/ft² |          |
| 0366787              | QA W03                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         |   | 63000     | ug/ft² |          |
| 0366788              | QA W04                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         |   | 530       | ug/ft² |          |
| 0366789              | QA W05                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         | < | 110       | ug/ft² |          |
| 0366790              | QA Blank 02             | Flame         | Wipe Blank  | ****              | N/A                 | 12.00      | ug             | < | 12        | ug     |          |
| 0366791              | QA W06                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         |   | 610       | ug/ft² |          |
| 0366792              | QA W07                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         | < | 110       | ug/ft² |          |
| 0366793              | QA W08                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         | < | 110       | ug/ft² |          |
| 0366794              | QA W09                  | Flame         | Wipe        | ****              | 0.108               | 111.52     | ug/ft²         | < | 110       | ug/ft² |          |
| 0366795              | QA Bulk 01              | Flame         | Paint Chip  | ****              | N/A                 | 0.01       | %РЬ            | < | 0.0097    | %Pb    |          |
| 0366796              | QA Bulk 02              | Flame         | Paint Chip  | ****              | N/A                 | 0.01       | %Pb            | < | 0.0092    | %РЪ    |          |

This report applies only to the sample, or sample, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples.

### **AMA Analytical Services, Inc.**



#### CERTIFICATE OF ANALYSIS



Page 2 of 2

Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

116952

301-JH Old Bay Lanc, Atm: NGB-AVN-SJ, Address:

Job Location:

Not Provided

Date Analyzed:

09/09/2003

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Attention:

Report Date:

09-Sep-03

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

(L)

 $(ft^2)$ 

Limit

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and Hability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved. AMA Analytical Services, Inc.

#### **AMA Analytical Services, Inc.** A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Not Provided

Chain Of Custody:

117281

301-IH Old Bay Lane, Attn: NGB-AVN-SI, Address:

Job Location:

Not Provided

Date Analyzed:

09/09/2003

09-Scp-03

State Military Reservation

Havre de Grace, Maryland 21078

Job Number: P.O. Number: Not Provided Not Provided

Person Submitting:

Attention:

Report Date:

Page 1 of 1

#### Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type  | Sample Type        | Air Volume<br>(L) | Area Wiped<br>(ft²) |                 | orting<br>imit | F | inal Resi | ult          | Comments |
|----------------------|-------------------------|----------------|--------------------|-------------------|---------------------|-----------------|----------------|---|-----------|--------------|----------|
| •                    | EA WOL                  |                | Thing              | ****              | 0.108               |                 |                |   | 200       | -            |          |
| 0366797<br>0366798   | EA W01<br>EA Blank 01   | Flame<br>Flame | Wipe<br>Wipe Blank | ****              | N/A                 | 111.52<br>12.00 | ug/ft²         | < | 12        | ug/ft²<br>ug |          |
|                      |                         |                | •                  | ****              |                     |                 | ug             |   |           | -            |          |
| 0366799              | EA W02                  | Flame          | Wipe               |                   | 0.108               | 111.52          | ug/ft²         |   | 1100      | ug/ft²       |          |
| 0366800              | EA W03                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/ft²         |   | 250       | ug/ft³       |          |
| 0366801              | EA W04                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/fl²         | < | 110       | ug/ft²       |          |
| 0366802              | EA W05                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/ft²         | < | 110       | ug/ft²       |          |
| 0366803              | EA Blank 02             | Flame          | Wipe Blank         | ****              | N/A                 | 12.00           | ug             | < | 12        | ug           |          |
| 0366804              | EA W06                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/ft²         | < | 110       | ug/ft²       |          |
| 0366805              | EA W07                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/ft²         | < | £10       | ug/fl²       |          |
| 0366806              | EA W08                  | Flame          | Wipe               | ****              | 0.108               | 111.52          | ug/ft²         | < | 110       | ug/ft²       |          |
| 0366807              | EA Bulk 01              | Flame          | Paint Chip         | ****              | N/A                 | 0.01            | %Pb            |   | 0.017     | %Pb          |          |
| 0366808              | EA Bulk 02              | Flame          | Paint Chip         | ****              | N/A                 | 0.01            | %Pb            | < | 0.009     | %Pb          |          |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

Analyst:

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved, AMA Analytical Services, Inc.

An AIHA (#8863), NVLAP (# 191143), & New York ELAP (#10920) Accredited Laboratory | A Requested Record #J-15-0085 (MD) 4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2648 leased by National Guard Bureau

## AMA Analytical Services, Inc.



#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Job Number:

P.O. Number:

Not Provided

Not Provided

Chain Of Custody:

117282

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Not Provided

Date Analyzed:

09/09/2003

State Military Reservation

Havre de Grace, Maryland 21078

Not Provided

Person Submitting:

Attention:

Report Date:

09-Sep-03

Page 1 of 1

#### Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number | Aualysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit |        | Final |       | olt Comments |  |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------------------|--------|-------|-------|--------------|--|
|                      |                         |               |             |                   |                     |                    |        |       |       |              |  |
| 0366809              | BC Blank 01             | Flame         | Wipe Blank  | ****              | N/A                 | 12.00              | ug     | <     | 12    | ug           |  |
| 0366810              | BC W01                  | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft² |       | 16000 | ug/ft²       |  |
| 0366811              | BC W02                  | Flame         | Wipe        | ****              | 0.108               | 111.52             | ug/ft³ | <     | 110   | ug/ft²       |  |
| 0366812              | BC Bulk 01              | Flame         | Paint Chip  | ****              | N/A                 | 0.01               | %Рь    |       | 0.2   | %Pb          |  |
| 0366813              | BC Bulk 02              | Flame         | Paint Chip  | ****              | N/A                 | 0.01               | %Pb    |       | 1.4   | %Pb          |  |

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

ug = micrograms

ug/L ≈ parts per billion (ppb)

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Note: All results have two significant digits. Any additional digits shown should not be

considered when interpreting the result.

%Pb = percent lead by weight

on-Responsiv Analyst

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. All rights reserved. AMA Analytical Services, Inc.

#### APPENDIX C

ASSESSMENT CRITERIA

#### APPENDIX C

#### ASSESSMENT CRITERIA

SUBJECT: National Guard Bureau Region North Industrial Hygiene Office Proposed Recommendations for Surface Lead in Armories

- 1. In armories that do not contain childcare facilities, the NGB Region North Industrial Hygiene Office recommends cleaning the areas in which sample results are greater than 200 µg/ft². This guidance is based on professional judgment, risk assessments, adaptation of OSHA guidance, and feasibility of cleaning to a certain level.
- a. EPA standards (40 CFR 745.227(e) (8) (viii)) and State of Maryland standards are not directly applicable because they are developed for floors (40  $\mu$ g/ft²), windowsills (250  $\mu$ g/ft²) and window troughs (400  $\mu$ g/ft²) in residential and childcare facilities. Most of the wipe samples in armories were collected in undisturbed areas and therefore, results are worst case scenarios and do not correlate to these standards.
- b. OSHA has no specific requirement for work area surfaces. The OSHA lead standard (29 CFR 1910.1025(h)) states that all surfaces shall be maintained as free as practicable of accumulations of lead. In workplaces where lead is generated, surface levels may be much higher, but personnel exposures can be controlled by limiting airborne lead levels and following good cleanup and hygienic practices.
- c. OSHA cites a level of 200 μg/ft² in OSHA Instruction CPL 2-2.58 as guidance to its own inspectors for evaluating the cleanliness of lunchroom and locker room surfaces that are supposed to be kept as clean as possible.
- d. In a report titled Derivation of Wipe Surface Screening Levels for Environmental Chemicals, USACHPPM has determined that 200 μg/ft² is a safe surface contamination level for adult exposures. They have also applied these standards as the decontamination levels for surfaces in administrative offices.
- e. It should be noted that levels higher than those recommended above do not necessarily mean there is a significant hazard to workers who are following good cleaning and hygienic practices since there is no correlation between wipe and air samples. Rather, we recommend these levels as a precautionary measure.
- 2. The NGB Occupational Health Branch is developing guidance for armories that are used as childcare facilities. All States will receive this guidance when it is completed.

APPENDIX D

MOLD GUIDANCE

# Army Facilities Management Information Document on Mold Remediation Issues

TG 277 FEBRUARY 2002



# ARMY FACILITIES MANAGEMENT INFORMATION DOCUMENT ON MOLD REMEDIATION ISSUES

#### TABLE OF CONTENTS

| NTRODUCTION 2                                        | ż |
|------------------------------------------------------|---|
| OLD PREVENTION TIPS                                  | ţ |
| REMEDIATION PLANNING                                 | ļ |
| EMEDIATE MOISTURE AND MOLD PROBLEMS                  | š |
| EMEDIATION PROCEDURES4                               | 1 |
| OUR REMEDIATION LEVELS4                              | ı |
| AZARD COMMUNICATION                                  | J |
| CONCLUSION1                                          | 0 |
| EFERENCES1                                           | 0 |
| PPENDIX A: WATER DAMAGE CLEANUP AND MOLD PREVENTION1 | 1 |
| PPENDIX B: MOLD REMEDIATION GUIDELINES               | 4 |
| PPENDIX C: PERSONAL PROTECTIVE GUIDANCE              | 7 |
| PPENDIX D: CONTAINMENT GUIDANCE1                     | 9 |

Use of company or trademarked names does not imply endorsement by the U.S. Army but is intended only to assist in identification of a specific product.

TG 277 \_\_\_\_\_\_ Feb 02

#### ARMY FACILITIES MANAGEMENT INFORMATION DOCUMENT ON MOLD REMEDIATION ISSUES

#### Moisture Control: The Army Way to Mold Prevention!

#### INTRODUCTION

Concern about indoor exposure to mold has been increasing as the public becomes more aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions.

This document provides the best and most current guidance for remediation of clean water damage (<48 hours) and mold contamination (>48 hours) into one resourceful Army guide. This guide has been designed to provide information to facilities management individuals who have little or no experience with mold remediation. It will assist them in making a reasonable judgment as to whether the situation can be handled in-house. It will help those in charge of maintenance to develop or evaluate an in-house remediation plan or evaluate a remediation plan submitted by an outside contractor. If an outside contractor is employed, they must have experience cleaning up mold. Check their references, and have them follow the recommendations presented in this document, EPA guidelines, and/or guidelines of the American Conference of Governmental Industrial Hygienists (ACGIH). A multi-disciplinary team approach to mold concerns is best. A health and safety professional, such as an industrial hygienist, should be consulted prior to any remediation activities to assist in the project.

Molds produce tiny spores to reproduce. Mold spores float through the indoor and outdoor air continually. When mold spores land on a damp spot, they may begin growing and digesting whatever they are growing on in order to survive. There are molds that can grow on wood, paper, carpet, and foods. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or uncorrected. There is no practical way to eliminate all molds and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture.(1)

In all situations, the underlying cause of water accumulation must be rectified or mold growth will recur. Any initial water infiltration should be stopped and clean up began immediately. An immediate response (within 24 to 48 hours) and thorough clean up, drying, and/or removal of water damaged materials will prevent or limit mold growth. (Refer to Appendix A for detailed guidance on clean water damage response). If the source of water is elevated humidity, actions to maintain the relative humidity levels below 60% to inhibit mold growth should be taken (2). Emphasis should be on ensuring proper repairs of the building infrastruemre, so that water damage and moisture buildup does not recur.

**BEST AVAILABLE COPY** 

TG 277 \_\_\_\_\_\_ Feb 02

#### MOLD PREVENTION TIPS:

[Adapted from EPA, reference 1]

- Fix leaky plumbing and leaks in the building envelope as soon as possible.
- Watch for condensation and wet spots. Fix source(s) of moisture problem(s) as soon as possible.
- Prevent moisture due to condensation by increasing surface temperature or reducing
  the moisture level in air (humidity). To increase surface temperature, insulate or
  increase air circulation. To reduce the moisture level in air, repair leaks, increase
  ventilation (if outside air is cold and dry), or dehumidify (if outdoor air is warm and
  humid).
- Keep heating, ventilating, and air-conditioning (HVAC) drip pans clean, flowing properly, and unobstructed.
- Vent moisture-generating appliances, such as dryers, to the outside.
- Maintain low indoor humidity, below 60% relative humidity (RH), ideally 30-50%, if possible.
- Perform regular building/HVAC inspections and maintenance as scheduled.
- Clean and dry wet or damp spots within 48 hours.
- Don't let foundations stay wet. Provide adequate drainage and slope the ground away from the foundation.

#### REMEDIATION PLANNING

- Plan to dry wet, non-moldy materials within 48 hours to prevent mold growth (Appendix A)
- Select cleanup methods for moldy items (Appendix B)
- Select Personal Protection Equipment (PPE)- protect remediators (Appendix B)
- Select containment equipment protect building occupants (Appendix B)
- Select remediation personnel who have the experience and training needed to implement the remediation plan and use PPE and containment as appropriate

#### REMEDIATE MOISTURE AND MOLD PROBLEMS

- Fix moisture problem, implement repair plan and/or maintenance plan
- Dry wet, non-moldy materials within 48 hours to prevent mold growth (Appendix A)
- Clean and dry moldy materials (Appendix B)
- Discard moldy porous items that can't be cleaned (Appendix B)

BEST AVAILABLE COPY

TG 277 \_\_\_\_\_\_ Feb 02

#### REMEDIATION PROCEDURES

Four levels of abatement are described below. The size of the area impacted by mold contamination primarily determines the type of remediation. The sizing levels below are based on professional judgment and practicality; currently there is not adequate data to relate the extent of contamination to frequency or severity of health effects. The goal of remediation is to remove or clean contaminated materials in a way that prevents the emission of mold and preventing dust contaminated with mold from leaving a work area and entering an occupied or non-abatement area, while protecting the health of workers performing the abatement. The listed remediation methods were designed to achieve this goal, however, due to the general nature of these methods it is the responsibility of the people conducting remediation to ensure the methods enacted are adequate. (3)

Non-porous (e.g., metals, glass, and hard plastics) and semi-porous (e.g., wood, and concrete) materials that are structurally sound and are visibly moldy can be cleaned and reused. Cleaning should be done using a detergent solution. Porous materials such as ceiling tiles and insulation, and wallboards with more than a small area of contamination should be removed and discarded. Porous materials (e.g., wallboard, and fabrics) that can be cleaned, can be reused, but should be discarded if possible. All materials to be reused should be dry and visibly free from mold. Routine inspections should be conducted to confirm the effectiveness of remediation work. (1 and 3)

The use of bleach or other biocides is questionable in most cases (8). The effectiveness of bleach in reducing living mold is dependent on concentration, residual chlorine levels, and contact time on the surface (8). All of these factors are difficult to control during remediation. Removal of all mold growth can generally be accomplished by physical removal of materials supporting active growth and thorough cleaning of non-porous materials (4). Therefore, application of a biocide serves no purpose that could not be accomplished with a detergent or cleaning agent (4).

The use of gaseous ozone or chlorine dioxide for remedial purposes is not recommended. Both compounds are highly toxic and contamination of occupied space may pose a health threat. Furthermore, the effectiveness of these treatments is unproven. For additional information on the use of biocides for remedial purposes, refer to the American Conference of Governmental Industrial Hygienists' document, "Bioaerosols: Assessment and Control." (4)

#### FOUR REMEDIATION LEVELS

[Adapted from NYCDOH Guidelines on Assessment and Remediation of Fungi in Indoor Environments (3) and EPA (1)]

Level I: Small Isolated Areas – Total surface area affected less than 10 square feet - e.g., ceiling tiles, small areas on walls. Refer to Appendix B for detailed guidance.

Regular building maintenance staff can conduct this level of remediation. Such persons should receive training on proper clean up methods, personal protection, and potential health hazards. This training can be performed as part of a program to comply with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Appendix C for PPE guidance. Respiratory protection (e.g., N95 disposable respirator), used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended(7). Gloves and goggles should be worn. All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional before wearing a respirator.

The work area should be unoccupied. Vacating people from spaces adjacent to the work area is not necessary but is recommended in the presence of infants (less than 12 months old), persons recovering from recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Containment of the work area is not necessary. Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and areas used by remediation workers for egress should be cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

Level II: Medium - Total Surface Area affected between 10 and 100 square feet - e.g., several wallboard panels. (See Appendix B for detailed guidance),

The following procedures at a minimum are recommended:

Refer to Appendix C for proper PPE selection. Limited or Full protection may be required depending on the situation.

Refer to Appendix D for Containment procedures.

The work area and areas directly adjacent should be covered with a single layer of 6 mil fire-retardant polyethylene sheet(s) and taped before remediation, to contain dust/debris.

Seal ventilation ducts/grills in the work area and areas directly adjacent with 6 mil polyethylene sheeting. Use an exhaust fan with a High Efficiency Particulate Air (HEPA) filter to generate negative pressurization.

The work area and areas directly adjacent should be unoccupied. Further vacating of people from spaces near the work area is recommended in the presence of infants (less than 12 months old), persons having undergone recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases. (e.g., asthma, hyperscnsitivity pneumonitis, and severe allergies).

Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Contaminated materials that cannot be cleaned should be sealed and doublebagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and surrounding areas should be HEPA vacuumed (a vacuum equipped with a High-Efficiency Particulate Air filter) and cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

If abatement procedures are expected to generate a lot of dust (e.g., abrasive cleaning of contaminated surfaces, demolition of plaster walls) or the visible concentration of the mold is heavy (blanket coverage as opposed to patchy), then it is recommended that the remediation procedures for Level III be followed.

Level III: Large Area – Total Surface Area affected greater than 100 square feet or potential for increased occupant or remediator exposure during remediation is estimated to be significant. (See Appendix B for detailed guidance).

The following procedures are recommended:

Refer to Appendices C & D for PPE and Containment guidance.

Completely isolate the work area from occupied spaces using double layers of polyethylene plastic sheeting sealed with duct tape (including ventilation ducts/grills, fixtures, and any other openings).

Utilize an exhaust fan with a HEPA filter to generate negative pressurization. Provide airlocks and a decontamination room.

**BEST AVAILABLE COPY** 

The work area and areas directly adjacent should be unoccupied. Further vacating of people from spaces near the work area is recommended in the presence of infants (less than 12 months old), persons having undergone recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Contaminated materials that cannot be cleaned should be sealed and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste. The outside of the bags should be cleaned with a damp cloth and a detergent solution or HEPA vacuumed in the decontamination chamber prior to their transport to uncontaminated areas of the building.

The contained area and decontamination room should be HEPA vacuumed and cleaned with a damp cloth and/or mop with a detergent solution and be visibly clean prior to the removal of isolation barriers.

Pre- and post-remediation sampling may also be useful in determining whether temediation efforts have been effective. After remediation, the types and concentrations of mold in the indoor air samples should be similar to what is found in the local outdoor air(4). Since no Federal limits have been set for mold or mold spores, sampling cannot be used to check a building's compliance with Federal mold standards.

If any remediation sampling is deemed necessary contact your local industrial hygiene office or contact safety and health professionals with specific experience in designing mold sampling protocols, sampling methods, and interpretation of results. Sample analysis should follow analytical methods recommended by the American Industrial Hygiene Association (AIHA) or the American Conference of Governmental Industrial Hygienists (ACGIH). The laboratory conducting the analyses should participate in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) program.

Level IV: Remediation of HVAC Systems (See Appendix B for detailed guidance. For a small area (<10 ft²) follow Level I guidance for PPE and containment and for a areas (>10 ft²) follow Medium (Level II) or when greater than 100 ft² follow Large (Level III) guidance for PPE and containment as discussed in Appendices B, C, and D)

A Small Isolated Area of Contamination (total surface area affected <10 square feet) in the HVAC System

The HVAC system should be shut down prior to any remedial activities.

Regular building maintenance staff can conduct this level of remediation. Such persons should receive training on proper clean up methods, personal protection, and potential health hazards. This training can be performed as part of a program to comply with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Appendix C for PPE guidance. Respiratory protection (e.g., N95 disposable respirator), used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended (7). Gloves and goggles should be worn. All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional.

The work area should be unoccupied. Vacating people from spaces adjacent to the work area is not necessary but is recommended in the presence of infants (less than 12 months old), persons recovering from recent surgery, immune suppressed people, or people with chronic inflammatory lung diseases (e.g., asthma, hypersensitivity pneumonitis, and severe allergies).

Containment of the work area is not necessary. Dust suppression methods, such as misting (not soaking) surfaces prior to remediation, are recommended.

Growth supporting materials that are contaminated, such as the insulation of interior lined ducts and filters, should be removed. Other contaminated materials that cannot be cleaned should be scaled and double-bagged in 6-mil plastic bags and removed. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The work area and areas immediately surrounding the work area should be HEPA vacuumed and cleaned with a damp cloth and/or mop and a detergent solution.

All areas should be left dry and visibly free from contamination and debris.

Areas of Contamination (Total surface area affected >10 square feet) in the HVAC System

The following procedures are recommended:

The HVAC system should be shut down prior to any remedial activities.

Refer to Appendices C & D for PPE and Containment guidance.

Completely isolate the work area from other areas. Isolate the HVAC system using double layers of polyethylene plastic sheeting sealed with duet tape (including ventilation duets/grills, fixtures, and any other openings).

**BEST AVAILABLE COPY** 

TG 277 Feb 02

Utilize an exhaust fan with a HEPA filter to generate negative pressurization. Provide airlocks and a decontamination room.

Growth supporting materials that are contaminated, such as the insulation of interior lined ducts and filters, should be removed. Other contaminated materials that cannot be cleaned should be sealed and removed in double-bagged 6-mil plastic. When a decontamination morn is present, the outside of the bags should be cleaned with a damp cloth and a detergent solution or HEPA vacuumed prior to their transport to uncontaminated areas of the building. Since there are no special disposal requirements for moldy materials, they can be discarded as ordinary construction waste.

The contained area and decontamination room should be HEPA vacuumed and cleaned with a damp cloth and/or mop and a detergent solution prior to the removal of isolation barriers.

All areas should be left dry and visibly free from contamination and debris.

Pre- and post-remediation sampling may also be useful in determining whether remediation efforts have been effective. After remediation, the types and concentrations of mold in the indoor air samples should be similar to what is found in the local outdoor air (4). Since no Federal limits have been set for mold or mold spores, sampling cannot be used to check a building's compliance with Federal mold standards.

If remediation sampling is necessary contact your local industrial hygiene office or contact safety and health professionals with specific experience in designing mold sampling protocols, sampling methods, and interpretation of results. Sample analysis should follow analytical methods recommended by the American Industrial Hygiene Association (AIHA) or the American Conference of Governmental Industrial Hygienists (ACGIH).

#### HAZARD COMMUNICATION

When mold growth requiring Level III or IV (large-scale) remediation is found, the building owner, management, and/or employer should notify occupants in the affected area(s) of its presence. Notification should include a description of the remedial measures to be taken and a timetable for completion. Well-planned group meetings held before and after remediation with full disclosure of plans and results can be an effective communication mechanism. Individuals seeking medical attention should be provided with a copy of all inspection results and interpretation to give to their medical practitioners (1 and 3).

**BEST AVAILABLE COPY** 

TG 277 Feb 02

#### CONCLUSION

In summary, the prompt remediation of contaminated material and infrastructure repair must be the primary response to mold contamination in buildings. The simplest and most expedient remediation that properly and safely removes mold growth from buildings should be used. Widespread contamination poses much larger problems that must be addressed on a case-by-case basis in consultation with a health and safety specialist. Effective communication with building occupants is an essential component of all remedial efforts. Individuals with persistent health problems should go to the local occupational health clinic or see their physicians for a referral to practitioners who are trained in occupational/environmental medicine or related specialties and are knowledgeable about these types of exposures.

#### REFERENCES

- U.S. Environmental Protection Agency. Mold Remediation in Schools and Commercial Buildings, EPA 402-K-01-001, March 2001.
- 2. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. Ventilation for Acceptable Indoor Air Quality ASHRAE Standard (ANSI/ASHRAE 62-2001). Atlanta, Georgia, 2001.
- 3. New York City Department of Health: Guidelines on Assessment and Remediation of Fungi in Indoor Environments. New York: New York City Department of Health, Bureau of Environmental & Occupational Disease Epidemiology, (April 2000) January 2002.
- American Conference of Governmental Industrial Hygienists (ACGIH): Bioaerosols: Assessment and Control, edited by Janet Macher, Cincinnati, OH: ACGIH, 1999.
- 5. U.S. Environmental Protection Agency. Should You Have the Air Ducts In Your Home Cleaned? EPA-402-K-97-002. October 1997.
- Institute of Inspection, Cleaning and Restoration Certification (IICRC). IICRC \$500, Standard and Reference Guide for Professional Water Damage Restoration, 2<sup>nd</sup> edition. 1999.
- 7. Occupational Safety & Health Administration. Respiratory Protection Standard, 29. Code of Federal Regulations 1910.134. 63 FR 1152. January 8, 1998.
- 8. American Industrial Hygiene Association, Report of Microbial Growth Task Force, AIHA Press, Fairfax, VA, May 2001.

# APPENDIX A

[Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# Water Damage Cleanup and Mold Prevention

Appendix A presents strategies to respond to water damage within 24-48 hours. These guidelines are designed to help avoid the need for remediation of mold growth by taking quick action before growth starts. If mold growth is found on the materials listed in Appendix A, refer to Appendix B for guidance on remediation. Depending on the size of the area involved and resources available, professional assistance may be needed to dry an area quickly and thoroughly.

| Water Da                                                                                 | amage - Cleanup and Mold Prevention                                                                                                                                                                         |  |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Guidelines for Response to Clean Water Damage within 24-48 Hours to Prevent Mold Growth£ |                                                                                                                                                                                                             |  |
| Water-Damaged<br>Material†                                                               | Actions                                                                                                                                                                                                     |  |
| Books and papers                                                                         | <ul> <li>For non-valuable items, discard books and papers.</li> <li>Photocopy valuable/important items, discard originals.</li> <li>Freeze (in frost-free freezer or meat locker) or freeze-dry.</li> </ul> |  |
| Carpet and backing -<br>dry within 24-48 hours§                                          | <ul> <li>Remove water with water extraction vacuum.</li> <li>Reduce ambient humidity levels with dehumidifier.</li> <li>Accelerate drying process with fans.</li> </ul>                                     |  |
| Ceiling tiles                                                                            | Discard and replace.                                                                                                                                                                                        |  |
| Cellulose insulation                                                                     | Discard and replace.                                                                                                                                                                                        |  |
| Concrete or cinder block surfaces                                                        | <ul> <li>Remove water with water extraction vacuum.</li> <li>Accelerate drying process with dehumidifiers, fans, and/or heaters.</li> </ul>                                                                 |  |
| Fiberglass insulation                                                                    | Discard and replace.                                                                                                                                                                                        |  |

TG 277

Feb 02

| Hard surface, porous flooring§ (Linoleum, ceramic tile, vinyl) | <ul> <li>Vacuum or damp wipe with water and mild detergent and allow to dry; scrub if necessary.</li> <li>Check to make sure under flooring is dry; dry under flooring if necessary.</li> </ul>                                                                                                                                                 |  |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Non-porous, hard<br>surfaces<br>(Plastics, metals)             | Vacuum or damp wipe with water and mild detergent and allow to dry; scrub if necessary.                                                                                                                                                                                                                                                         |  |
| Upholstered furniture                                          | <ul> <li>Remove water with water extraction vacuum.</li> <li>Accelerate drying process with dehumidifiers, fans, and/or heaters.</li> <li>May be difficult to completely dry within 48 hours. If the piece is valuable, you may wish to consult a restoration/water damage professional who specializes in furniture.</li> </ul>                |  |
| Wallboard<br>(Drywall and gypsum<br>board)                     | <ul> <li>May be dried in place if there is no obvious swelling and the seams are intact. If not, remove, discard, and replace.</li> <li>Ventilate the wall cavity, if possible.</li> </ul>                                                                                                                                                      |  |
| Window drapes                                                  | Follow laundering or cleaning instructions recommended by the manufacturer.                                                                                                                                                                                                                                                                     |  |
| Wood surfaces                                                  | <ul> <li>Remove moisture immediately and use dehumidifiers, gentle heat, and fans for drying. (Use caution when applying heat to hardwood floors.)</li> <li>Treated or finished wood surfaces may be cleaned with mild detergent and clean water and allowed to dry.</li> <li>Wet paneling should be pried away from wall for drying</li> </ul> |  |

TG 277 Feb 02

£ If mold growth has occurred or materials have been wet for more than 48 hours, consult Appendix B. Even if materials are dired within 48 hours, mold growth may have occurred. Professionals may test items if there is doubt. Note that mold growth will not always occur after 48 hours; this is only a guideline.

These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then OSHA may have requirements for Personal Protective Equipment and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise remediating in contaminated water situations. Do not use fans before determining that the water is clean or sanitary.

- † If a particular item(s) has high monetary or sentimental value, you may wish to consult a restoration/water damage specialist.
- § The subfloor under the carpet or other flooring material must also be cleaned and dried. See the appropriate section of this table for recommended actions depending on the composition of the subfloor.

# APPENDIX B

[Adapted from EPA 402-K-01-001, March 2001]

#### Mold Remediation Guidelines

Appendix B presents remediation guidelines for building materials that have or are likely to have mold growth. The guidelines in Appendix B are designed to protect the health of occupants and cleanup personnel during remediation. These guidelines are based on the area and type of material affected by water damage and/or mold growth. Please note that these are guidelines; some professionals may prefer other cleaning methods.

If you are considering cleaning your ducts as part of your remediation plan, you should consult EPA's publication entitled, Should You Have the Air Ducts In Your Home Cleaned?

(5) Although this EPA document has a residential focus, the same concept applies to other building types. If possible, remediation activities should be scheduled during off-hours when building occupants are less likely to be affected.

Although the level of personal protection suggested in these guidelines is based on the total surface area contaminated and the potential for remediator and/or occupant exposure, professional judgment should always play a part in remediation decisions. These remediation guidelines are based on the size of the affected area to make it easier for remediators to select appropriate techniques, not on the basis of health effects or research showing there is a specific method appropriate at a certain number of square feet. The guidelines have been designed to help construct a remediation plan. The remediation manager will then use professional judgment and experience to adapt the guidelines to particular situations. When in doubt, caution is advised. Consult an experienced mold remediator for more information.

|                                                                  |                     | for Remediating Building Materi<br>Growth Caused by Clean Water |                         |
|------------------------------------------------------------------|---------------------|-----------------------------------------------------------------|-------------------------|
| Material or Furnishing Affected                                  | Cleanup<br>Methodsf | Personal Protective Equipment                                   | Containment             |
| S                                                                | MALL - Total S      | iurface Area Affected Less Than 10 square (                     | leer (ft <sup>3</sup> ) |
| Books and papers                                                 | j                   |                                                                 |                         |
| Carpet and backing                                               | 1.3                 | ]                                                               | None required           |
| Concrete of citaler block                                        | 1, 3                | Minimum<br>N-95 mapirator, gloves, आर्थ goggles                 |                         |
| Hard surface, porous flooring<br>(linoleum, earamic tile, vinyl) | 1, 2, 3             |                                                                 |                         |
| Non-porous, hard serfaces<br>(plastics, metals)                  | 1,2,3               |                                                                 |                         |
| Upholstered furniture & drapes                                   | 1, 3                |                                                                 |                         |
| Waliboard (drywall and gypsum<br>board)                          | 3                   |                                                                 |                         |
| Wood surfaces                                                    | 1,2,3               | ]                                                               |                         |

TG 277 Feb 02

|                                                                  | МЕВЦІМ - 1 | oral Surface Area Affected Between 10 and                                                                            | 100 fc²                                                                                                              |
|------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Books and papers                                                 | 3          |                                                                                                                      |                                                                                                                      |
| Carpet and backing                                               | 1,3,4      |                                                                                                                      |                                                                                                                      |
| Concrete or einder block                                         | 1,3        |                                                                                                                      | ŀ                                                                                                                    |
| Hard surface, porous flooring<br>(Finoleum, ceramic tite, vinys) | 1,2,3      | Limited or Full  Use ptofessional judgment, consider potential for remediator exposure and size of configurated area | Jamajed  Use professional judgment, consider potential for remediator/occupant exposure and size of contaminated are |
| Non-persus, hard surfaces<br>(plastics, metals)                  | 1,2,3      |                                                                                                                      |                                                                                                                      |
| Upholsicied fumiture & drapes                                    | 13,4       |                                                                                                                      |                                                                                                                      |
| Wallboard (drywall and gypsum<br>board)                          | 3,4        |                                                                                                                      |                                                                                                                      |
| Wood surfaces                                                    | 1,2,3      | 1                                                                                                                    |                                                                                                                      |
| Intereased Occu                                                  |            | face Area Affected Greater Than 100 R <sup>1</sup> or legister Exposure During Remediation Estin                     |                                                                                                                      |
| Books and papers                                                 |            | 4                                                                                                                    |                                                                                                                      |
| Carpet and backing                                               | 1,3,4      |                                                                                                                      | 1                                                                                                                    |
| Concrete or cinder block                                         | 1.3        | Fult                                                                                                                 | Full                                                                                                                 |
| Hard surface, porous flooring                                    |            | ┪                                                                                                                    | l                                                                                                                    |

1,2,3,4 Use professional judgment, consider Use professional judgment, consider (lineleum, ceramic tite, vinyl) tential for remodiator/occupant exposure putantial for remediator exposure and Non-porous, hard surfaces and size of confaminated area size of contaminated area 1.2.3 (plastics, metals) Upholstered furniture & drapes 1.2.4 Wallboard (drywall and gypsum 3,4 board) 1,2,3,4 Wood surfaces

\*Use professional judgment to determine prudent levels of Personal Protective Equipment and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Assess the need for increased Personal Protective Equipment, if, during the remediation, more extensive contamination is encountered than was expected. Consult Appendix A if materials have been wat for less than 48 hours, and mold growth is not apparent. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated with sewage, or chemical or biological pollutants, then the Occupational Safety and Health Administration (OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

†Select method most appropriate to situation. Since molds gradually destroy the things they grow on, if mold growth is not addressed promptly, some items may be damaged such that cleaning will not restore their original appearance. If mold growth is heavy and items are valuable or important, you may wish to consult a restoration/water damage/remediation expert. Please note that these are guidelines; other cleaning methods may be preferred by some professionals.

TG 277 Feb 02

#### Cleanup Methods

- Method 1: Wet vacuum (in the case of porous materials, some mold spores/fragments will
  remain in the material but will not grow if the material is completely dried). Steam cleaning
  may be an alternative for carpets and some upholstered furniture.
- Method 2: Damp-wipe surfaces with plain water or with water and detergent solution (except wood —use wood floor cleaner); scrub as needed.
- Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.
- Method 4: Discard Remove water-damaged materials and seal in plastic bags while inside
  of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

#### Personal Protective Equipment (PPE)

- Minimum: Gloves, N-95 respirator, goggles/eye protection
- Limited: Gloves, N-95 respirator or half-face respirator with HEPA filter, disposable overalls, goggles/eye protection
- Full: Gloves, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter

#### Containment

- Limited: Use polyethylene-sheeting ceiling to floor around affected area with a slit entry and covering flap; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.
- Full: Use two layers of fire-retardant polyethylene sheeting with one airlock chamber.
   Maintain area under negative pressure with HEPA filtered fan exhausted outside of building.
   Block supply and return air vents within containment area.

Table developed from literature and remediation documents including Bioaerosols: Assessment and Control (American Conference of Governmental Industrial Hygienists, 1999) (4) and IICRC S500, Standard and Reference Guide for Professional Water Damage Restoration, (Institute of Inspection, Cleaning and Restoration, 1999) (6)

# APPENDIX C

[Adapted Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# PERSONAL PROTECTIVE EQUIPMENT

# Skin and Eye Protection

Gloves are required to protect the skin from contact with mold allergens (and in some cases mold toxins) and from potentially irritating cleaning solutions. Long gloves that extend to the middle of the forearm are recommended. The glove material should be selected based on the type of materials being handled. If you are using a strong cleaning solution, you should select gloves made from natural rubber, neoprene, nitrile, polyurethane, or polyvinyl chloride (PVC). If you are using a mild detergent or plain water, ordinary household rubber gloves may be used. To protect your eyes, use properly fitted goggles or a full-face respirator with HEPA filter. Goggles must be designed to prevent the entry of dust and small particles. Safety glasses or goggles with open vent holes are not acceptable.

# Respiratory Protection

Respirators protect cleanup workers from inhaling airborne mold, mold spores, and dust. Respiratory protection used in accordance with the OSHA respiratory protection standard (29 CFR 1910.134), is recommended(7). All individuals must be trained, have medical clearance, and must be fit-tested by a trained professional before wearing a respirator.

- Minimum: When cleaning up a small area affected by mold, you should use an N-95 respirator. This device covers the nose and mouth, will filter out 95% of the particulates that pass through the filter. In situations where a full-face respirator is in use, additional eye protection is not required.
- Limited: Limited PPE includes use of a half-face or full-face air-purifying respirator
  (APR) equipped with a HEPA filter cartridge. These respirators filter mold particles
  in the air. Note that half-face APRs do not provide eye protection. In addition, the
  HEPA filters do not remove vapors or gases. You should always use respirators
  approved by the National Institute for Occupational Safety and Health.
- Full: In situations in which high levels of airborne dust or mold spores are likely or when intense or long-term exposures are expected (e.g., the cleanup of large areas of contamination), a full-face, powered air-purifying respirator (PAPR) is recommended. Full-face PAPRs use a blower to force air through a HEPA filter. The HEPA-filtered air is supplied to a mask that covers the entire face or a hood that covers the entire head. The positive pressure within the mask or hood prevents unfiltered air from entering through penetrations or gaps. Individuals must be trained to use their respirators before they begin remediation.

TG 277 **■** Feb 02

# **Disposable Protective Clothing**

Disposable clothing is recommended during a medium or large remediation project to prevent the transfer and spread of mold to clothing and to eliminate skin contact with mold.

- Limited: Disposable paper overalls can be used.
- Full: Mold-impervious disposable head and foot coverings, and a body suit made of a breathable material, such as TYVEK®, should be used. All gaps, such as those around ankles and wrists, should be sealed (many remediators use duct tape to seal clothing).

May, 2018

# APPENDIX D

[Source: EPA 402-K-01-001: Mold Remediation in Schools and Commercial Buildings, March 2001]

# **CONTAINMENT GUIDANCE**

#### Containment

The purpose of containment during remediation activities is to limit release of mold into the air and surroundings, in order to minimize the exposure of remediators and building occupants to mold. Mold and moldy debris should not be allowed to spread to areas in the building beyond the contaminated site.

The two types of containment recommended in Appendix B are limited and full. The larger the area of moldy material, the greater the possibility of human exposure and the greater the need for containment. In general, the size of the area helps determine the level of containment. However, a heavy growth of mold in a relatively small area could release more spores than a lighter growth of mold in a relatively large area. Choice of containment should be based on professional judgment. The primary object of containment should be to prevent occupant and remediator exposure to mold.

# Containment Tips

- Always maintain the containment area under negative pressure.
- Exhaust fans to outdoors and ensure that adequate makeup air is provided.
- If the containment is working, the polyethylene sheeting should billow inwards on all surfaces. If it flutters or billows outward, containment has been lost, and you should find and correct the problem before continuing your remediation activities.

#### Limited Containment

Limited containment is generally recommended for areas involving between 10 and 100 square feet (ft²) of mold contamination. The enclosure around the moldy area should consist of a single layer of 6-mil, fire-retardant polyethylene sheeting. The containment should have a slit entry and covering flap on the outside of the containment area. For small areas, the polyethylene sheeting can be affixed to floors and ceilings with duct tape. For larger areas, a steel or wooden stud frame can be erected and polyethylene sheeting attached to it. All supply and air vents, doors, chases, and risers within the containment area must be sealed with polyethylene sheeting to minimize the migration of contaminants to other parts of the building. Heavy mold growth on ceiling tiles may impact HVAC systems if the space above

TG 277 Feb 02

the ceiling is used as a return air plenum. In this case, containment should be installed from the floor to the ceiling deck, and the filters in the air-handling units serving the affected area may have to be replaced once remediation is finished.

The containment area must be maintained under negative pressure relative to surrounding areas. This will ensure that contaminated air does not flow into adjacent areas. This can be done with a HEPA-filtered fan unit exhausted outside of the building. For small, easily contained areas, an exhaust fan ducted to the outdoors can also be used. The surfaces of all objects removed from the containment area should be remediated/cleaned prior to removal. The remediation guidelines outlined in Appendix B can be implemented when the containment is completely sealed and is under negative pressure relative to the surrounding area.

#### Full Containment

Full containment is recommended for the cleanup of mold-contaminated surface areas greater than 100 ft<sup>2</sup> or in any situation in which it appears likely that the occupant space would be further contaminated without full containment. Double layers of polyethylene should be used to create a barrier between the moldy area and other parts of the building. A decontamination room or airlock should be constructed for entry into and exit from the remediation area. The entryways to the airlock from the outside and from the airlock to the main containment area should consist of a slit entry with covering flaps on the outside surface of each slit entry. The chamber should be large enough to hold a waste container and allow a person to put on and remove PPE. All contaminated PPE, except respirators, should be placed in a sealed bag while in this chamber. Respirators should be worn until remediators are outside the decontamination chamber. PPE must be worn throughout the final stages of HEPA vacuuming and damp-wiping of the contained area. PPE must also be worn during HEPA vacuum filter changes or cleanup of the HEPA vacuum.

**TG 277** 

Local Reproduction is Authorized and Encouraged.

Config.



MDARNG IH Baseline Survey, LTC Molvin H. Cade Armory, Baltimore, MD, Report No. 55-ML-01ED-03/06

# APPENDIX E

# LEAD CLEANING GUIDANCE

HUD TECHNICAL GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING 1998





# CHAPTER 14: CLEANING

| Ste  | p-b | y-Step Summary                                                  | 14-3  |
|------|-----|-----------------------------------------------------------------|-------|
| J.   | Int | roduction                                                       | 14–5  |
|      | A.  | Performance Standard                                            | 14-5  |
|      | B.  | Small Dust Particles                                            | 14-5  |
|      | C.  | Difficulties in Cleaning                                        | 14–5  |
|      |     | 1. Low Clearance Standards                                      | 14-5  |
|      |     | 2. Worker Inexperience                                          | 14-6  |
|      |     | 3. High Dust-Producing Methods and/or Inadequate Containment    | 14-6  |
|      |     | 4. Deadlines                                                    | 146   |
| 11.  | Со  | ordination of Cleaning Activities                               | 14-6  |
|      | A.  | Checklist                                                       | 14-6  |
|      | В.  | Equipment Needed for Cleaning                                   | 14-6  |
|      | C.  | Waste Disposal                                                  | 14-7  |
| 111. | Cle | eaning Methods and Procedures                                   | 14-7  |
|      | A.  | Containment                                                     | 14-7  |
|      | В.  | Basic Cleaning Methods: Wet Wash and Vacuum Cleaning Techniques | 14-7  |
|      |     | 1. HEPA Vacuuming                                               |       |
|      |     | 2. Wet-Detergent Wash                                           |       |
|      |     | 3. The HEPAWet Wash/HEPA Cycle                                  |       |
|      |     | 4. Sealing Floors                                               |       |
| IV.  | Qr  | der of Cleaning Procedures During Lead Hazard Control           | 14-16 |
|      |     | Precleaning Procedures                                          |       |
|      |     | Ongoing Cleaning During the Job                                 |       |
|      |     | Daily Cleaning Procedures                                       |       |
|      |     | 1. Large Debris                                                 | 14–18 |
|      |     | 2. Small Debris                                                 | 14-18 |
|      |     | 3. Exterior Cleaning                                            |       |
|      |     | 4. Worker Protection Measures                                   |       |
|      |     | 5. Maintaining Containment                                      | 1419  |

# - Chapter 14: Cleaning -



|        | rder of Final Cleaning Procedures After                |       |
|--------|--------------------------------------------------------|-------|
| Le     | ead Hazard Control                                     | 14–19 |
| A.     | Final Cleaning                                         | 14-19 |
|        | 1. Decontamination of Workers, Supplies, and Equipment | 14-19 |
| В.     | Prefiminary Visual Examination                         | 14-20 |
| C.     | Surface Painting or Sealing of Nonfloor Surfaces       | 14-20 |
| D      | Final Inspection                                       | 14-20 |
| E.     | Recleaning After Clearance Failure                     | 14-20 |
| VI. C  | eaning Cost Considerations                             | 14-21 |
| Α      | Initial Clearance Test Fallure Rates                   | 14-21 |
| В      | Key Factors In Effective Cleaning                      | 14-21 |
| Ç      | Special Problems                                       | 14-21 |
| VII. / | Alternative Methods                                    | 14-22 |
| Α      | . Vacuums                                              | 1422  |
| B      | Trisodium Phosphate and Other Oetergents               | 14-22 |

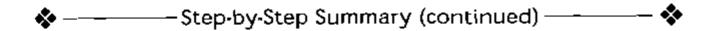


# Step-by-Step Summary



# Cleaning: How To Do It

- Include step-by-step procedures for precleaning, cleaning during the job, and daily and final cleanings in project design or specifications.
- 2. Assign responsibilities to specific workers for cleaning and for maintaining cleaning equipment.
- 3. Have sufficient cleaning equipment and supplies before beginning work.
- If contamination is extensive, conduct precleaning of the dwelling unit. Move or cover all furniture and other objects.
- Conduct ongoing cleaning during the job, including regular removal of large and small debris and duπ.
   Decontamination of all tools, equipment, and worker protection gear is required before it leaves containment areas. Electrical equipment should be wiped and high-efficiency particulate air (HEPA) vacuumed, not wetted down, to minimize electrocution hazards.
- Schedule sufficient time (usually 30 minutes to an hour) for a complete daily cleaning, starting at the same time near the end of each workday after lead hazard control activity has ceased.
- For final cleaning, wait at least 1 hour after active lead hazard control activity has ceased to let dust
  particles settle.
- 8. Use a vacuum cleaner equipped with a HEPA exhaust filter. HEPA vacuum all surfaces in the room (ceitings, walls, trim, and floors). Start with the ceiting and work down, moving toward the entry door. Completely clean each room before moving on.
- Wash all surfaces with a lead-specific detergent, high-phosphate detergent, or other suitable cleaning agent to dislodge any ground-in contamination, then rinse. Change the cleaning solution after every room is cleaned.
- 10. Repeat step 8. To meet clearance standards consistently, a HEPA vacuum, wet wash, and HEPA vacuum cycle is recommended. For interim control projects involving dust removal only, the final HEPA vacuuming step is usually not needed (see Chapter 11). Other cleaning methods are acceptable, as long as clearance criteria are met and workers are not overexposed.
- 11. After final cleaning, perform a visual examination to ensure that all surfaces requiring lead hazard control have been addressed and all visible dust and debris have been removed. Record findings and correct any incomplete work. This visual examination should be performed by the owner or an owner's representative who is independent of the lead hazard control contractor.
- 12. If other construction work will disturb the lead-based paint surfaces, it should be completed at this point. If those surfaces are disturbed, repeat the final cleaning step after the other construction work has been completed.
- 13. Paint or otherwise seal treated surfaces and interior floors.
- 14. Conduct a clearance examination (see Chapter 15).
- 15. If clearance is not achieved, repeat the final cleaning.



- 16. Continue clearance testing and repeated cleaning until the dwelling achieves compliance with all clearance standards. As an incentive to conduct ongoing cleaning and a thorough final cleaning, the cost of repeated cleaning after failing to achieve clearance should be borne by the contractor as a matter of the job specification, not the owner.
- Do not allow residents to enter the work area until cleaning is completed and clearance is established.
- Cleaning equipment list:
  - HEPA vacuums.
  - Detergent.
  - Waterproof gloves.
  - ♦ Rags.
  - Sponges.
  - Mops.
  - Buckets.
  - HEPA vacuum attachments (crevice tools, beater bar for cleaning rugs).
  - 6-mil plastic bags.
  - Debris containers.
  - Waste water containers.
  - Shavels.
  - Rakes.
  - Water-misting sprayers.
  - 6-mil polyethylene sheeting (or equivalent).

May, 2018





# Chapter 14: Cleaning

# I. Introduction

This chapter describes cleaning procedures to be employed following abatement and interim control work. Dust removal as an interim control measure is covered in Chapter 11.

All lead hazard control activities can produce dangerous quantities of leaded dust. Unless this dust is properly removed, a dwelling unit will be more hazardous after the work is completed than it was originally. Once deposited, leaded dust is difficult to clean effectively. Whenever possible, ongoing and daily cleaning of leaded dust during lead hazard control projects is recommended. Ongoing and daily cleaning is also necessary to minimize worker exposures.

Cleaning is the process of removing visible debris and dust particles too small to be seen by the naked eye. Removal of lead-based paint hazards in a dwelling unit will not make the unit safe unless excessive levels of leaded dust are also removed. This is true regardless of whether the dust was present before or generated by the lead hazard control process itself. Impropor cleaning can increase the cost of a project considerably because additional cleaning and clearance sampling will be necessary. However, cleaning and clearance can be achieved routinely if care and diligence are exercised.

#### A. Performance Standard

Although the cleaning methods described in this chapter are feasible and have been shown to be effective in meeting clearance standards, other methods may also be used if they are safe and effective. This performance-oriented approach should stimulate innovation, reduce cost, and ensure safe conditions for both residents and workers.

## B. Small Dust Particles

Dust particles that are invisible to the naked eye remain on surfaces after ordinary cleaning procedures. A visibly clean surface may contain high and unacceptable levels of dust particles and require special cleaning procedures.

# C. Difficulties in Cleaning

White cleaning is an integral and essential component of any lead hazard control activity, it is also the most likely part of the activity to fail.

Several common reasons for this failure include low clearance standards, worker inexperience, high dust-producing methods, and deadtines.

#### 1. Low Clearance Standards

Because very small particles of leaded dust are easily absorbed by the body when ingested or inhaled, a small amount can create a health hazard for young children. Therefore, "ctearance standards" are extremely low for acceptable levels of leaded dust particles on surfaces after hazard control activities, and careful cleaning procedures are required. Although it is not possible to remove all leaded dust from a dwelling, it is possible to reduce it to a safe level.

Clearance standards are described more fully in Chapter 15. The permissible amount of leaded dust remaining on each of the following surfaces following lead hazard work is as follows:

- 100 µg/ft<sup>2</sup> on floors.
- 500 µg/ft<sup>2</sup> on interior window sills (stools).
- 800 µg/ft<sup>2</sup> on window troughs (the area where the sash sits when closed).
- 800 µg/ft<sup>2</sup> on exterior concrete.

These levels are based on wipe sampling. Clearance testing determines whether the premises or area are clean enough to be reoccupied after the completion of a lead paint hazard control project. A cleaned area may not be reoccupied until compliance with clearance standards has been established. To prevent delays, final testing and final cleaning activities should be coordinated.

# Chapter 14: Cleaning --



## 2. Worker Inexperience

To understand the level of cleanliness required to meet the established clearance standards for hazard control cleanup, new hazard control personnel often require a significant reorientation to cleaning. Many construction workers are used to cleaning up only dust that they can see, not the invisible dust particles that are also important to remove.

# 3. High Dust-Producing Methods and/or Inadequate Containment

High dust-generating methods, inadequate containment during hazard control work, and poor work practices can all make achievement of clearance particularly difficult. Work practices necessary to prevent spreading of dust throughout a dwelling (e.g., by tracking dust out of work areas) are essential but sometimes tedious. Essential work practices are sometimes mistakenly considered to be "flexible guidelines" rather than necessary standards that are designed to ensure that the job is completed, not only safely, but also on time and within budget.

#### 4. Deadlines

Daily and final cleanings have sometimes been compromised due to project deadlines, since cleaning comes at the end of the job. Hurried efforts often result in clearance fallure. Delayed and over-budget hazard control projects are often the result of repeated, unplanned recleanings that are necessitated by inadequate containment and sloppy work practices.

# II. Coordination of Cleaning Activities

#### A. Checklist

The owner or contractor may use the following cleaning checklist before any lead hazard control activity:

- ✓ Is the critical importance of cleaning in a hazard control project understood?
- ✓ Have all workers been trained and certified for hazard control work?

- Have the precleaning, daily, and final cleanings been scheduled properly and coordinated with the other participants in the hazard control process?
- Have cleaning equipment and materials been obtained?
- ✓ Do the workers know how to operate and maintain special cleaning equipment, and do they have directions for the proper use of all cleaning materials?
- Have all workers carefully studied the step-by-step procedures for precleaning (if needed), in-progress cleaning, and daily and final cleanings?
- ✓ Are all workers properly protected during the cleaning processes (see Chapter9)?
- Have provisions been made to properly contain and store potentially hazardous debris (see Chapter 10)?
- Have dust-clearance testing and related visual inspections been arranged (see Chapter 15)?
- Are the clearance criteria to be met fully understood?
- ✓ Have all appropriate surfaces been properly painted or otherwise sealed?
- Have appropriate records been maintained that document participants' roles in the hazard control project?

# B. Equipment Needed for Cleaning

The following equipment is needed to conduct cleaning: high-afficiency particulate air (HEPA) vacuums and attachments (crevice tools, beater bar for cleaning rugs), detergent, waterproof gloves, rags, sponges, mops, buckets, 6-mil plastic bags, debris containers, waste water containers, shovels, rakes, water-misting sprayers, and 6-mil polyethylene plastic sheeting (or equivalent).

# Chapter 14: Cleaning



# C. Waste Disposal

Regulations governing hazardous and nonhazardous waste storage, transportation, and disposal affect both the daily and final cleaning procedures. The hazard control contractor and the disposal contractor should work together to establish formal written procedures, specifying selected containers, storage areas, and debris pickups, to ensure that all relevant regulations are met.

# III. Cleaning Methods and Procedures

Many of the special cleaning methods and procedures detailed in this chapter are not standard operating procedure for general home improvement contractors. Therefore, project designers, responsible agencies, or owners must ensure that contractors follow the methods and procedures recommended herein or specially designed alternative procedures, even though some may appear to be redundant and unnecessary. These methods have been shown to be feasible and effective in many situations and skipping steps in the cleaning procedures can be counterproductive.

#### A. Containment

Because of the difficulty involved in the removal of fine dust, dust generated by hazard control work should be contained to the extent possible to the inside of work areas. Inadequately constructed or maintained containment or poor work practices will result in additional cleaning efforts, due to dust that has leaked out or been tracked out of the work area (see Chapter 8).

# B. Basic Cleaning Methods:Wet Wash and VacuumCleaning Techniques

Because leaded dust adheres tenaciously, especially to such rough or porous materials as weathered or worn wood surfaces and masonry surfaces (particularly concrete), workers should be trained in cleaning methods. As a motivator, some contractors have awarded bonuses to workers who pass clearance the first time.

Two basic cleaning methods have proven effective, when used concurrently, in lead-based paint hazard control projects: a special vacuum cleaner equipped with a HEPA exhaust filter, followed by wet washing with special cleaning agents and rinsing, followed by a final pass with the HEPA vacuum.

Although HEPA filtered vacuums and trisodium phosphate (TSP) cleaners have been considered the standard cleaning tools for lead hatard control projects, new research, discussed under the "Alternatives Methods" section in this chapter, suggests that other tools and products may also be effective in efficiently cleaning dust while providing adequate worker protection from airborne exposure risks. Some of these innovations may even be superior.

## 1. HEPA Vacuuming

HEPA vacuums differ from conventional vacuums in that they contain high-efficiency filters that are capable of trapping extremely small, micron-sized particles. These filters can remove particles of 0.3 microns or greater from air at 99.97 percent efficiency or greater. (A micron is 1 millionth of a meter, or about 0.00004 inches.) Some vacuums are equipped with an oltra-low penetration air (ULPA) filter that is capable of filtering out particles of 0.13 microns or greater at 99.9995 percent efficiency. However, these ULPA filters are slightly more expensive, and may be less available than HEPA filters.

Vacuuming with conventional vacuum machines is unlikely to be effective, because much of the fine dust will be exhausted back into the environment where it can settle on surfaces. A recent Canadian study revealed that fine-dust air levels were exceedingly high when a standard portable vacuum with a new bag was used, although partially filled bags were found to be more efficient (CMHC, 1992). Considerations for the proper use of a HEPA vacuum are listed below.

# Chapter 14: Cleaning



#### Operating Instructions

There are a numerous manufacturers of HEPA vacuums. Afthough all HEPA vacuums operate on the same general principle, they may vary considerably with respect to specific procedures, such as how to change the filters. To ensure the proper use of equipment, the manufacturer's operating instructions should be carefully followed and if possible, training sessions arranged with the manufacturer's representative.

Although HEPA vacuums have the same "suction" capacity as ordinary vacuums that are comparably sized, their filters are more efficient. Improper cleaning or changing of HEPA filters may reduce the vacuum's suction capability.

#### Special Attachments

Because the HEPA vacuum will be used to vacuum surfaces other than floors, operators should buy attachments and appropriate tool kits for use on different surfaces—such as brushes of various sizes, crevice tools, and angular tools.

# Selecting Appropriate Size(s)

HEPA vacuums are available in numerous sizes, ranging from a small lunchbucket-sized unit to track-mounted systems. Two criteria for size selection are the size of the job and the type of electrical power available. Manufacturer recommendations should be followed.

#### Wet-Dry HEPA Vacuums

Some hazard control contractors have found the wet-dry HEPA vacuums to be particularly effective in meeting clearance standards. These vacuums are equipped with a special shut-off float switch to protect the electrical motor from water contact.

#### **Prefilters**

HEPA filters are usually used in conjunction with a prefilter or series of prefilters that trap the bulk of the dust in the exhaust airxfream, particularly the larger particles. The HEPA filter traps most of the remaining small particles that have passed through the prefilter(s). All filters must be maintained and replaced or

cleaned as specified in the manufacturer's instructions. Failure to do so may cause a reduction in suction power (thus reducing the vacuum's efficiency and effectiveness). Failure to change prefilters may damage the vacuum motor and will also shorten the service life of the HEPA filter, which is far more expensive than the prefilters.

#### **HEPA Vacuuming Procedures**

Surfaces frequently vacuumed include ceitings, walls, floors, windows, interior and exterior sills, doors, heating, ventilation, and air conditioning (HVAC) equipment (heating diffusers, radiators, pipes, vents), fixtures of any kind (light, bathroom, kitchen), built-in cabinets, and appliances.

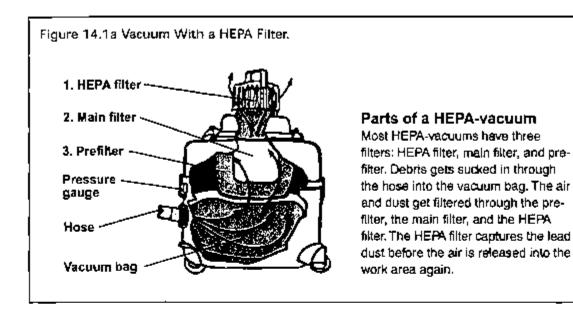
To aid in dislodging and collecting deep dust and lead from carpets, the HEPA vacuum must be equipped with a beater bar (agitator head) that is fixed to the cleaning head. This bar should be used on all passes on the carpet face during dry vacuuming (see Chapter 11 for details on carpet and furniture cleaning).

All rooms and surfaces should be included in the HEPA vacuum process, except for those that (1) were found not to have lead-paint hazards and were properly separated from work areas before the process began (see Chapter 8), or (2) were never entered during the process. Porches, sidewalks, driveways, and other exterior surfaces should be vacuumed if exterior hazard control work was conducted, or if debris was stored or dropped outside. Vacuuming should begin on the ceilings and end on the floors, sequenced to avoid passing through rooms already cleaned, with the dwellings' entryway cleaned last.

# Emptying the HEPA Vacuum

Used filters and vacuumed debris are potentially hazardous waste and should be treated accordingly (see Chapter10). Therefore, operators should use extreme caution when opening the HEPA vacuum for filter replacement or debris removal to avoid accidental release of accumulated dust into the environment. This may occur, for example, if the vacuum's seat has been broken and the vacuum's bag is disturbed.





Operators should also wear a full set of protective clothing and equipment, including appropriate respirators, when performing this maintenance function, which should be done in the containment area or offsite.

#### 2. Wet Detergent Wash

Several types of detergents have been used to remove leaded dust. Those with a highphosphate content (containing at least 5 percent trisodium phosphate, also known as TSP) have been found to be effective when used as part of the final cleaning process (Milar, 1982). TSP detergents are thought to work by coating the surface of dusts with phosphate or polyphosphate groups which reduces electrostatic interactions with other surfaces and thereby permits easier removal. Because of environmental concerns some States have restricted the use of TSP, and some manufacturers have eliminated phosphates from their household detergents. However, high-TSP detergents can usually be found in hardware stores and may be permitted for limited use, such as lead hazard control.

Other non-TSP cleaning agents developed specifically for removing leaded dust have also been found to be effective (possibly more effective than TSP) in limited trials by several

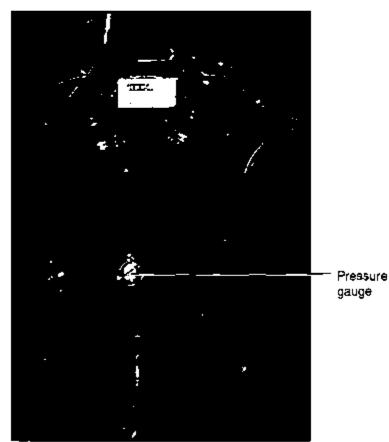
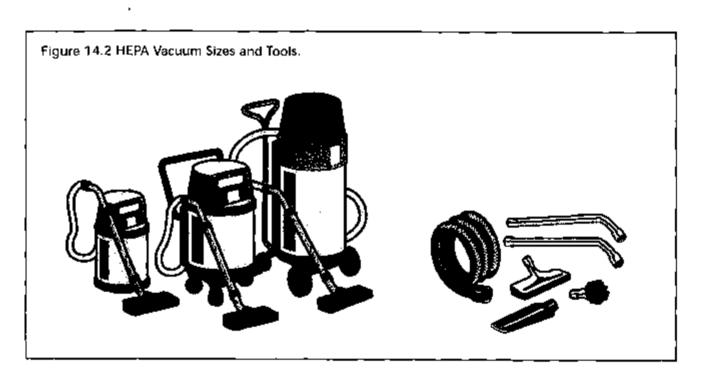


Figure 14.1b Pressure Gauge Indicator Shows When Filters Require Changing.

# Chapter 14: Cleaning -





investigators (Grawe, 1993; Wilson, 1993) and may also be safer, since TSP is a skin and eye Irritant. See section VII for more information on non-TSP detergents. Proper procedures for using high-phosphate detergents also apply to most other types of detergents and include the following steps:

#### Manufacturer's Dilution Instructions

Users of cleaning agents for leaded dust removal should follow manufacturer's instructions for the proper use of a product, especially the recommended dilution ratio. Even diluted, tripodium phosphate is a skin fritant and users should wear waterproof gloves. Eye protection should also be worn, and portable eyewash facilities should be located in or very near the work area. Consult manufacturer's directions for the use of other detergents.

#### Appropriate Cleaning Equipment

Because a detargent may be used to clean leaded dust from a variety of surfaces, several types of application equipment are needed, including cleaning solution spray bottles, wringer buckets, mops, variously sized hand sponges, brushes,

and rags. Using the proper equipment on each surface is essential to the quality of the wetwash process.

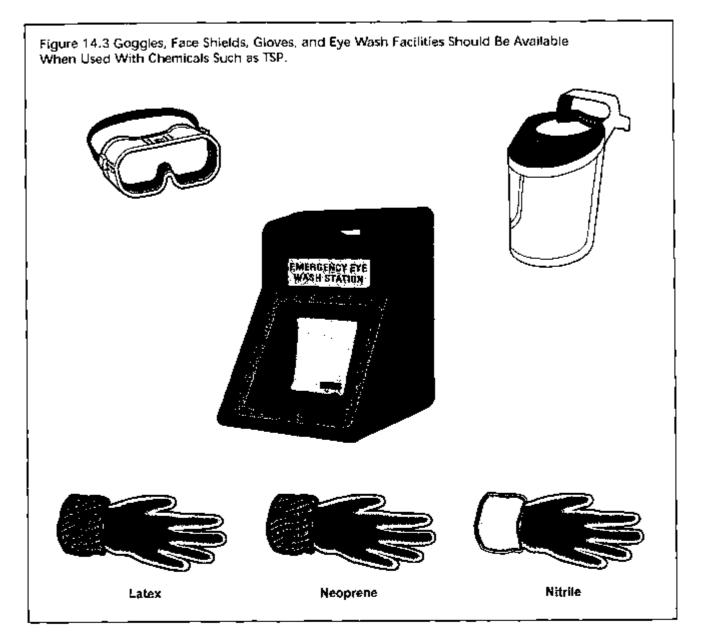
#### Proper Wet-Cleaning Procedures

At the conclusion of the active lead hazard control process and the initial HEPA vacuuming, all vacuumed surfaces should be thoroughly and completely washed with a high-phosphate solution or other lead-specific cleaning agent (or equivalent) and rinsed. Select a detergent that does not damage existing surface finishes (TSP may damage some finishes). Work should proceed from ceilings to floors and sequenced to avoid passing through rooms already cleaned.

#### Changing Cleaning Mixture

Many manufacturers of cleaners will indicate the surface area that their cleaning mixture will cover. To avoid recontaminating an area by cleaning it with dirty water, users should follow manufacturer-specified surface-area limits. However, regardless of manufacturers' recommendations, the cleaning mixture should be changed after its use for each room. As a rule of thumb, 5 gallions should be used to clean no





more than 1,000 square feet. Used cleaning mixture is potentially hazardous waste (see Chapter 10); consult with your local water and sewage utility for directions on its proper disposal. Wash water should never be poured onto the ground. The wash water is usually filtered and then poured down a toilet (if the local water authority approves).

# 3. The HEPA/Wet Wash/HEPA Cycle

# Typical Procedures

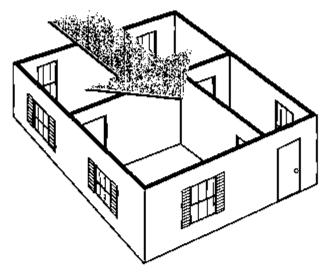
The usual cleaning cycle that follows lead hazard control activities is called the HEPA vacuum/wet wash/HEPA cycle and is applied to an entire affected area as follows:

First, the area is HEPA vacuumed.



Figure 14.4a The HEPA Vacuum, Wet Wash, HEPA Vacuum. Cycle Helps in Meeting Clearance Standards.

HEPA vacuum all surfaces Start at the end farthest from the main entrance/exit. As you vacuum, move towards the main exit and finish there.



Begin at the top of each room and work down. For example, start with the top shelves, the top of the woodwork, and so on, and work down to the floor. Do every inch of the windows, especially the window troughs.



Courtesy: Alice Hamilton Occupational Health Center



# - Chapter 14: Cleaning --



- Next, the area is washed down.
- After drying, the area is again HEPA vacuumed.

The rationale for this three-pass system is as follows:

- The first HEPA vacuum removes as much dust and remaining debris as possible.
- The wet wash further dislodges dust from surfaces.
- The final HEPA cycle removes any remaining particles distodged but not removed by the wet wash.

#### Single-Pass Wet Wash/HEPA Vacuum

Some lead hazard control contractors have found HEPA spray cleaner vacuums to be a cost-effective alternative to the three-pass system. Similar to home carpet-cleaning machines, these vacuums simultaneously deliver a solution to the surface and recover the dirty solution. Theoretically, this process combines two of the steps in the HEPA vacuum/wet wash/HEPA cycle into one step. While anecdotal evidence indicates that the spray cleaner wet wash/HEPA is effective for some uses, limitations have been noted in its use for ceilings, vertical surfaces, and hard to reach areas. This device may be used as long as clearance standards are met.

## Figure 14.4b (continued)

#### Use special attachments

Use the rubber cone where the floor meets the baseboard and along all the cracks in the floor boards. Use the brush tool for walls and woodwork.

Use the wheeled floor nozzle for bare floors and the carpet beater for rugs.

#### Move slowly

Vacuum slowly so the HEPA vacuum can pick up all the lead dust.



Rubber Cone

Dust Brush



Powered Carpet Beater



Wheeled Floor Nozzle



Figure 14.4c (continued)

# Wash all surfaces with suitable detergents

Wash all surfaces in the work area with suitable detergents, including areas that had been covered with plastic. Some wallpaper should only be HEPA vacuumed, since it may be damaged by the detergent.



Wipe All Surfaces

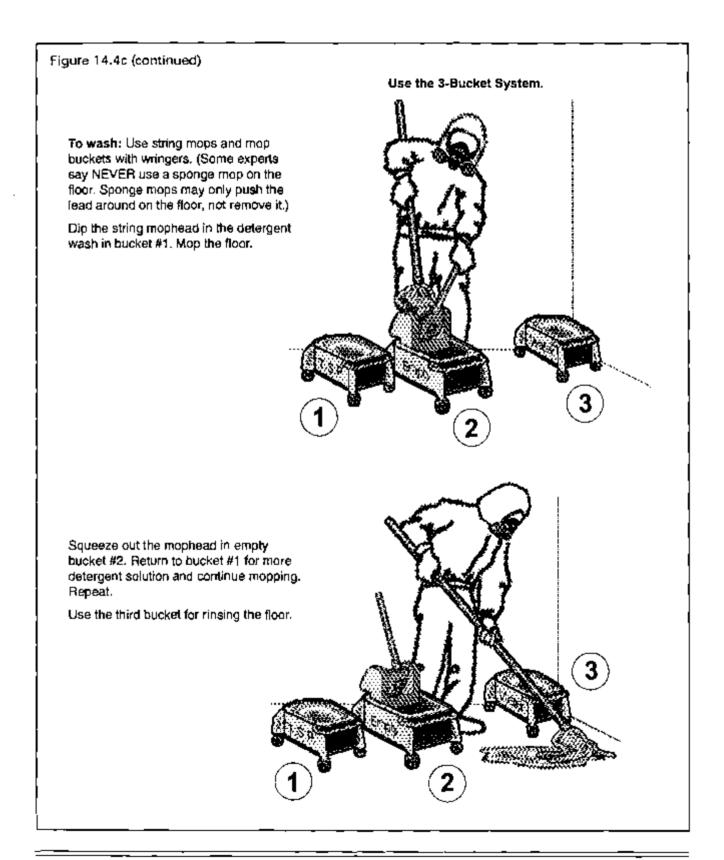


Wet Mop Floor



Don't Dry Sweep







#### Figure 14.4d (continued)

HEPA vacuum all surfaces a final time HEPA vacuum all surfaces in the work area, including areas that had been covered with plastic.

Starting at the far end, work towards the decontamination area. Begin with ceilings or the top of the walls and work down, cleaning the floors last. Do every inch of the windows, especially the troughs. Use the corner tool to clean where the floor meets the baseboard and all the cracks in the floor boards. Use the brush tool for the walls. Move slowly and carefully to get all the dust.



# 4. Sealing Floors

Before clearance, all floors without an intact, nonporous coating should be coated. Sealed surfaces are easier for residents to clean and maintain over time than those that are not sealed. Wooden floors should be sealed with a clear polyurethane or painted with deck enamel or durable paint. Vinyl tile, linoleum, and other similar floors should be sealed with an appropriate wax. Concrete floors should be sealed with a concrete sealer or other type of concrete deck enamel. However, if these floors are already covered by an effective coat of sealant, it may be possible to skip this step.

As an alternative to sealing, floors may be covered with new vinyl tile, sheet vinyl, linoleum flooring, or the equivalent to create a more permanent cleanable surface. New surfaces should be cleaned with a cleaning solution that is appropriate for that type of surface.

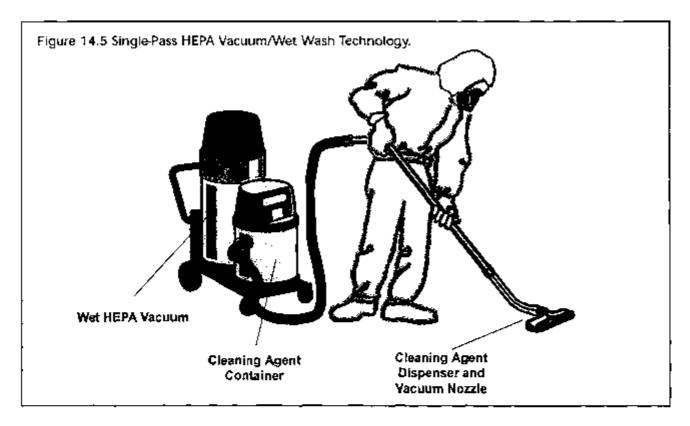
# IV. Order of Cleaning Procedures During Lead Hazard Control

The special cleaning procedures to be followed during a lead-based paint hazard control project are discussed in chronological order below. Skipping steps in the process may result in failure to meet post-lead hazard control clearance standards.

# A. Precleaning Procedures

Precleaning (i.e., cleaning conducted before lead hazard control is begun) is necessary only in dwelling units that are heavily contaminated with paint chips. Precleaning involves the removal of large debris and paint chips, followed by HEPA vacuuming. These steps may be followed by removal of occupant personal possessions, furniture, or carpeting, depending on the





Worksite Preparation Level selected (see Chapter 8). If the furniture will not be cleaned, it should be removed from the area or covered with plastic prior to beginning the precleaning procedure. Carpeting should always be misted before its removal to control the generation of hazardous dust.

It is usually the resident's responsibility to remove most of his or her personal possessions. However, if necessary, owners or project management should be prepared to complete this activity before lead hazard control work begins. As a last resort, the contractor may pack any remaining belongings and carefully seal and move the boxes, supplying all necessary boxes, packing materials, and staff to complete the task. Following cleaning and clearance, the contractor should return all packed items to their appropriate places. Leaving these tasks to the contractor may be expensive and inefficient, since the contractor will need to be insured for this function if the occupant's



Figure 14.6 Precleaning is Needed in Areas Where Contamination and Deterioration Are High.



belongings are damaged. Additionally, moving furniture, rugs, drapes, and other items owned by the occupant could increase leaded dust levels. Clearance should be conducted after cleaning but before resident items are moved back in.

# B. Ongoing Cleaning During the Job

Periodic HEPA vacuuming during the lead hazard control work may be necessary to minimize tracking of dust and paint chips from one area to another (e.g., when a large amount of paint chips or dust is being generated).

# C. Daily Cleaning Procedures

Cleaning activity should be scheduled at the end of each workday when all active lead hazard control throughout the dwelling has ceased. Sufficient time must be allowed (or a thorough and complete cleaning (usually about 30 minutes to an hour). Daily cleaning helps achieve clearance dust levels by minimizing problems that may otherwise occur during final cleaning and limiting worker exposures. While daily cleaning can be skipped in vacant dwelling units, it is required when occupants will

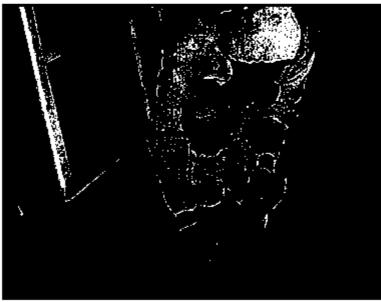


Figure 14.7 Plastic Sheeting Should Be Repaired as Part of Daily Cleanup.

return in the evening. Under no circumstances should debris or plastic be left outside overnight in an unsecured area, even if the dwelling is vacant. Daily cleaning should consist of:

- Removing large detris.
- Removing small debris.
- HEPA vacuuming, wet clean, HEPA vacuuming (horizontal surfaces only).
- Cleaning exterior.
- Patching and repairing plastic sheeting.
- Securing debris/plastic.

## Large Debris

Large demolition-type debris (e.g., doors, windows, trim) should be wrapped in 6-mil plastic, sealed with tape, and moved to a secure area on the property designated for waste storage. All sharp corners, edges, and nails should be hammered down to prevent injury and minimize tha tearing of plastic. It is not necessary to wrap each individual piece of debris in plantic if the entire load can be wrapped. A secure area either outside or inside the property must be designated as a temporary waste-storage area. Covered, secured, and labeled dumpsters placed on or near the property may be used. Proper segregation of waste should be enforced at this time (see Chapter 10).

#### 2. Small Debris

After being misted with water, small debris should be swept up, collected, and disposed of properly. The swept debris should be placed in double 4-mil or single 6-mil polyethylene (or equivalent) plastic bags, properly sealed, and moved to the designated trash storage area. Trash bags should not be overloaded; overloaded bags may rupture or puncture during handling and transport.

#### 3. Exterior Cleaning

Areas potentially affected by exterior lead hazard control should be protected via a containment system (see Chapter 8). Because weather can adversely affect the efficacy of exterior





containment, the surface plastic of the containment system should be removed at the end of each workday. On a daily basis, as well as during final cleaning, the immediate area should be examined visually to ensure that no debris has escaped containment. Any such debris should be raked or vacuumed and placed in single 6-mil or double 4-mil plastic bags, which should then be sealed and stored along with other contaminated debris. HEPA vacuuming is appropriate for hard exterior surfaces, not soil.

### 4. Worker Protection Measures.

General worker protection measures are discussed in Chapter 9. Studies indicate that during daily cleaning activities, especially while wet sweeping, workers may be exposed to high levels of airborne dust. Therefore, workers should wear protective clothing and equipment, especially appropriate respirators.

### 5. Maintaining Containment

The integrity of the plastic sheeting used in a lead hazard control project must be maintained. During their daily cleaning activities, workers should monitor the sheeting and immediately repair any holes or rips with 6-mil plastic and duct tape.

### V. Order of Final Cleaning Procedures After Lead Hazard Control

Before treated surfaces can be painted or sealed, final cleaning procedures must be completed. Because airborne dust requires time to settle, the final cleaning process should start no sooner than 1 hour after active lead hazard control has ceased in the room. See Appendix 11 for details regarding dust settling.

### A. Final Cleaning

As the first stage in the final cleaning, floor plastic should be misted and swept as detailed earlier in this chapter. Upper-level plastic, such as that on cabinets and counters, should be removed first, after it has been misted with water and cleaned. All plastic should be folded

carefully from the corners/ends to the middle to trap any remaining dust. Next, remove both layers of plastic from the floor.

Plastic sheets used to isolate contaminated rooms from noncontaminated rooms should remain in place until after the cleaning and removal of other plastic sheeting; these sheets may then be misted, cleaned, and removed last.

Removed plastic should be placed into double 4-mil or single 6-mil plastic bags, or plastic bags with equivalent (or better) performance characteristics, which are sealed and removed from the premises. As with daily cleanings, this plastic-removal process usually requires workers to use protective clothing and respirators.

After the plastic has been removed from the contaminated area, the entire area should be cleaned using the HEPA/wet wash/HEPA cycle, starting with the celling and working down to the floor. After surfaces are repainted or sealed, a final HEPA/wet wash/HEPA cycle may be necessary if accumulated dust caused by other work is visible.

### Decontamination of Workers, Supplies, and Equipment

Decontamination is necessary to ensure that worker's families, other workers, and subsequent properties do not become contaminated. Specific procedures for proper decontamination of equipment, tools, and materials prior to their removal from lead hazard control containment areas should be implemented, as described below and in Chapters 9 and 10.

Work clothing, work shoes, and tools should not be placed in a worker's automobile unless they have been laundered or placed in sealed begs. All vacuums and tools that were used should be wiped down using sponges or rags with detergent solutions.

Consumable/disposable supplies, such as mopheads, sponges, and rags, should be replaced, after each dwelling is completed. Solled items should be treated as contaminated debris (see Chapter 10).



Figure 14.8a Pick Up Corners of Plastic Sheeting.



Figure 14.85 Fold Plastic Inward.

Durable equipment, such as power and hand tools, generators, and vehicles, should be cleaned prior to their removal from the site; the cleaning should consist of a thorough HEPA vacuuming followed by washing.

### B. Preliminary Visual Examination

After the preliminary final cleaning effort is completed, the certified supervisor should visually evaluate the entire work area to ensure that all work has been completed and all visible dust. and debris have been removed. While the preliminary examination may be performed by the lead hazard control supervisor, contractor, or owner as a preparatory step before the final clearance examination, it does not replace the independent visual assessment conducted during clearance.

If the visual examination results are unsatisfactory, affected surfaces must be retreated and/or. recleaned. Therefore, it is more cost effective to have the supervisor rather than the clearance. examiner perform this initial examination.

### C. Surface Painting or Sealing of Nonfloor Surfaces

The next step of the cleaning process is painting or otherwise sealing all treated surfaces except floors.

Surfaces, including walls, ceitings, and woodwork, should be coated with an appropriate primer and repainted. Surfaces enclosed with vinyl, aluminum coil stock, and other materials traditionally not repainted are exempt from the painting provision.

### D. Final Inspection

The final clearance evaluation should take place at least 1 hour after the final cleaning. Clearance has three purposes: 1) to ensure that the lead hazard control work is complete, 2) to detect the presence of leaded dust, and 3) to make sure that all treated surfaces have been repainted or otherwise sealed. Clearance is usually performed after the sealant is applied to the floor. See Chapter 15 for information. on clearance examination procedures.

### E. Recleaning After Clearance Failure

If after passing the final visual examination, the dwelling unit fails the clearance wipe dust tests,

May, 2018



the HEPA/wet wash/HEPA cleaning cycle should be carefully and methodically repeated. Failure is an indication that the cleaning has not been successful. Recleaning should be conducted under the direct supervision of a certified supervisor. Care should be exercised during the recleaning of "failed" surfaces or components to avoid recontaminating "cleared" surfaces or components.

### VI. Cleaning Cost Considerations

An important consideration in determining lead hazard control strategies and methods is the cost and difficulty of regulred daily and final cleanup operations and the ease with which one can meet dust-clearance standards. A general rule of thumb is that lead hazard control strategies that generate the most dust will have higher cleanup costs and higher initial clearance test-failure rales.

### A. Initial Clearance Test Failure Rates

The likelihood of passing final dust-clearance tests is highly correlated with the chosen intervention strategy, methods, and care exercised by the contractor. For example, in one study (HUD, 1991) initial wipe-test failure rates were 14 percent for interior window sills, 19 percent for floors, and 33 percent for window troughs. The pass/fail rates for each surface were strongly associated with the dwelling unit abatement strategy employed. Chemical removal and hand-scraping strategies experi-enced higher failure rates than replacement and encapsulation/enclosure strategies (see Table 14.1).

However, results of the HUD demonstration project indicated that clearance failure is not solely related to abetement method. The report stated that "the diligence and effectiveness of an abatement contractor's cleaning process ... had a major impact on ... the likelihood of the dwelling unit to pass the final wipe test clearance" (HUD, 1991).



Figure 14.8c Dispose of Plastic Sheeting in a Plastic Trash Bag.

### B. Key Factors In Effective Cleaning

Effective cleaning will be aided by adequate sealing of surfaces with polyethylene sheeting prior to lead hazard control, proper daily cleaning practices, good worker training, and attention to detail. Where poor worksite preparation is employed, additional cleaning may be required to meet clearance.

### C. Special Problems

Surfaces such as porous concrete, old porous hardwood floors, and areas such as corners of rooms and window troughs pose especially difficult cleaning challenges. Porous concrete and corners of rooms normally require additional vacuuming to achieve an acceptable level of cleanliness.

The lead hazard control strategy of enclosure is frequently chosen for window troughs and for old porous hardwood floors due to the difficulty of adequately cleaning these surfaces. This



option provides not only a clean surface but a more permanently cleanable surface for dwelling occupants to maintain.

### VII. Alternative Methods

Alternatives to the recommended cleaning tools and practices discussed in this chapter are available, some having significant potential for increasing effectiveness and lowering costs.

A recent Canadian study (CMHC, 1992) eval-Dated the effectiveness of contaminated dust cleanup activities using tools that would generally be available to construction contractors and homeowners. Vinyl flooring and carpeting were cleaned using several wet/dry vacuuming systams, sweeping, and wet mopping. The study found that regular vacuums with empty bags send a steady stream of fine particles into the air, while vacuums with partially filled bags were more efficient. This finding suggests the necessity for HEPA vacuums. Other vacuums may be used if workers do not experience increased exposures, if compliance with clearance standards is achieved, and if a variance from OSHA regulation (29 CFR 1926.62 (h)(4)) is obtained by the contractor or employer (if required).

Agitator heads on vacuums were demonstrated to significantly enhance vacuum effectiveness on carpets in cleaning up fine dust without

increasing airborne dust levels. Table 14.2 suggests that a central vacuum with an agitator head is most efficient at removing dust and minimizing recontamination, probably because the vacuum exhaust is blown away from living areas. Because many houses do not have central vacuuming systems, a portable HEPA vacuum is the next bast choice (see Table 14.2). Vacuums without agitator heads appeared to perform relatively poorly on carpets.

### A. Vacuums

Regular (non-HEPA) dry vacuums potentially produce hazardous levels of alrhorne dust and therefore should be avoided. Externally exhausted vacuum units with adequate dust-retaining capability may be used. The OSHA lead standard requires the use of HEPA vacuum equipment (see 29 CFR 1926.62 (h)(4), which states, "where vacuuming methods are selected, the vacuums shall be equipped with HEPA filters").

### B. Trisodium Phosphate and Other Detergents

TSP detergents have been used successfully for a number of years in lead hazard control work. However, in recent years, other new cleaning agents have been developed specifically for leaded dust removal. The need for alternatives has been fueled by the fact that TSP is an eye

Table 14.1 Initial Cleaning Wipe-Test Failure Rates for Various Abatement Strategies

| Dust Test<br>Location | Hand Scrape  <br>w/Heat Gun | Chemical<br>Removal | Enclosure | Encapsulation | Replacement | All Methods |
|-----------------------|-----------------------------|---------------------|-----------|---------------|-------------|-------------|
| Floors                | 28.8%                       | 22.7%               | 20.0%     | 13.8%         | 12.5%       | 19%         |
| Sills                 | 24.4%                       | 24,1%               | 8.2%      | 4.8%          | 17.4%       | 14%         |
| Wells                 | 44.5%                       | 45.7%               | 23.7%     | 25.7%         | 21.0%       | 33%         |

Source: U.S. Department of Housing and Urban Development (August 1991) The HUD Lead-Based Paint Abatement Demonstration (FHA)



### Chapter 14: Cleaning



and skin irritant and is increasingly restricted from household use and unavailable in many local jurisdictions. TSP also damages some finishes. Recently reported trials of two new products suggest that afternative lead-specific cleaning agents may be more effective and safer. than TSP (Grawe, 1993; Wilson, 1993).

These Guidelines do not prohible the use of non-TSP cleaning agents, HUD encourages further evaluation of alternative cleaning methods. Use of any cleaning agent that results in compliance with clearance criteria is encouraged.

Table 14.2 Mass Removal Efficiency for Extended Vacuuming Cycles

|              |                                 | Mass Removal Efficie               | ency Percentages |                                  |
|--------------|---------------------------------|------------------------------------|------------------|----------------------------------|
| Cycle Number |                                 | Cleaning I                         | Method           |                                  |
|              | Central<br>Vacuum—Piain<br>Tool | Central<br>Vacuum—Agitator<br>Head | HEPA Vacuum      | Portable<br>Vacuum—Plain<br>Tooi |
| 1            | 34.7                            | 71.0                               | 55.4             | 17,5                             |
| 2            | 47.0                            | 80.2                               | 61.2             | 23.0                             |
| 3            | 51.9                            | 85.9                               | 66.3             | 26.6                             |
| 4            | 56.0                            | 87.8                               | 67.0             | 29.4                             |
| 5            | 59.3                            | 88.9                               | 72.1             | 32.5                             |
| 6            | 61.6                            | 91.2                               | 74,4             | 34.9                             |
| 7            | 63.8                            | 93.1                               | 76.4             | 36.5                             |
| 8            | 67.5                            | 95.4                               | 77.5             | 38.1                             |
| 9            | 67.5                            | 97.7                               | 78.7             | 40.1                             |
| 10           | 67.2                            | 100.0                              | 80.2             | 41,7                             |
| 11           |                                 | 102.3                              | 80.2             | 41.7                             |
| 12           |                                 | 104.6                              | 84.1             | 44.8                             |
| 13           |                                 | 104.6                              | <b>84.</b> 5     | 46.8                             |
| 14           |                                 | 103.8                              | 84.5             | 48.4                             |
| 15           |                                 |                                    |                  | 49.6                             |
| 16           |                                 |                                    |                  | 50.8                             |
| 17           |                                 |                                    |                  | 52.4                             |
| 18           |                                 |                                    |                  | 53.6                             |
| 19           |                                 |                                    |                  | 54.4                             |
| 20           |                                 |                                    |                  | 55.2                             |

Source: Canada Mortgage and Housing Corporation; Saskatchewan Research Council (December 1992) Effectiveness of Clean-up Techniques for Leaded Paint Dust

### NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

16 February 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Cade Readiness Center Indoor Firing Range

- 1. An email dated 15 February 2007 from the CFMO stated that the Cade Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



### Knechtle, Robin L CIV

From:

<mark>Von-Responsive<sub>CIV NGB</sub></mark>

Sent:

Friday, February 16, 2007 9:19 AM

To:

Non-Responsive<sub>CIV</sub>

Subject: FW: Cade Readiness Center, 2620 Winchester Street, Baltimore, Maryland 21216-shap4499



Could you please put on the server?

Thanks

### Non-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cell

FAX 410-942-0254

### NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

### From: Non-Responsive

Sent: Thursday, February 15, 2007 4:32 PM

To Non-Responsive CIV NGB; Non-Responsive CIV NGB

TC MDARNG; Non-Responsive LTC (Ret) MDARNG; Non-Responsive

Non-ResponsiveCPT (RET) MDARNG; Non-ResponsiveSPC MDARNG

Subject: Cade Readiness Center, 2620 Winchester Street, Baltimore, Maryland 21216-shap4499

Pureuan

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Maryland Cleaning and Abatement Services 6811 York Road Baltimore, MD 21212 410-377-0500

Non-Responsive

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

V/r

Non-Responsive

# MA Analytical Services, Inc.



A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

| Attention:      |                |                                | Address:                                                          | Client:                      |
|-----------------|----------------|--------------------------------|-------------------------------------------------------------------|------------------------------|
| 071-74 <b>5</b> |                | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation | National Guard Bureau        |
|                 | P.O. Number:   | Job Number:                    | Job Location:                                                     | Job Name:                    |
|                 | Not Provided   | Not Provided                   | Cade Armory, Towson (Ruhl) Armory, Westminster                    | Cade IV Ruhl, Westminster VI |
|                 | Date Analyzed: | Person Submitting:             | Date Submitted:                                                   | Chain Of Custody:            |
|                 | 1/24/2007      | Non-Res                        | 1/24/2007                                                         | 159358                       |

Report Date: 24-Jan-07

# Summary of Atomic Absorption Analysis for Lead

Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments Page I of I FOIA Requested Record #J-15-008 (MD) Released by National Guard Bureau Page 908 of 5269

|                   | Αį                                                           | sho                                                                                                                               | Not                                                                       | . %<br>T                       | 2 2                                                                        | Ana                            | Ana                                                                                                       |                |                |                | В              | ES             | ΤA                   | VAI                | LAE            | BLE            | CO             | PY             |
|-------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------------|--------------------|----------------|----------------|----------------|----------------|
|                   | and Wipe resi                                                | e: All results huld not be con                                                                                                    | e: All samples                                                            | %Pb = percent lead by weight   | N/A = Not Applicable                                                       | ilysis Method                  | lysis Method                                                                                              | 0726336        | 0726335        | 0726334        | 0726333        | 0726332        | 0726331              | 0726330            | 0726329        | 0726328        | 0726327        | 0726326        |
|                   | Air and Wipe results are not corrected for any blank results | Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result. | Note: All samples were received in good condition unless otherwise noted. | ad by weight ug ≃ r            | able mg/Kg = parts                                                         | Fun                            | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B | 20070123TWR504 | 20070123TWR503 | 20070123TWR502 | 20070123TWR501 | 20070123WST603 | 20070123WST602       | 20070123WST601     | 20070123CAD504 | 20070123CAD503 | 20070123CAD502 | 20070123CAD501 |
|                   | r any blank resub                                            | s. Any additionang the result.                                                                                                    | condition unless                                                          | ug = micrograms                | s per million (ppn                                                         | s, Paints, and Sc              | aints, and Soil/s                                                                                         | Flame          | Flame          | Flame          | Flame          | Flame          | Flame                | Flame              | Flame          | Flame          | Flame          | Flame          |
|                   | <i>સ</i>                                                     | l digits shown                                                                                                                    | otherwise noted.                                                          | ug/L = parts per billion (ppb) | mg/Kg = parts per million (ppm) by weight $mg/L = parts per million (ppm)$ | il/Solids: EPA 600/R-          | solids: EPA 600/R-93/2                                                                                    | Wipe Blank     | Wipe           | Wipe           | Wipe           | Wipe           | Wipe                 | Wipe               | Wipe           | Wipe           | Wipe           | Wipe           |
| Ana               |                                                              |                                                                                                                                   |                                                                           | 1 (ppb)                        | parts per million (p                                                       | 93/200(M)-7421; \              | 200(M)-7420; Wate                                                                                         | * *            | **             | **             | ***            | **             | 2.<br>2.<br>3.<br>3. | **                 | ***            | **             | <b>医长老</b>     | #<br>**        |
| Analyst: 0        | espo                                                         | onsive                                                                                                                            | 9                                                                         |                                | pm)                                                                        | Water: SM-3113B                | r: SM-3111B                                                                                               | N/A            | 0.111          | 0.111          | 0.111          | 0.111          | 111.0                | 0.111              | 0.111          | 0.111          | 0.111          | 0.111          |
|                   |                                                              |                                                                                                                                   |                                                                           |                                |                                                                            | associate                      | See QC                                                                                                    | 12.00          | 108.01         | 108.01         | 108.01         | 108.01         | 108.01               | 108.01             | 108.01         | 108.01         | 108.01         | 108.01         |
|                   |                                                              |                                                                                                                                   |                                                                           |                                |                                                                            | associated with these samples. | Summary for                                                                                               | F6             | ug/ft²         | ug/ft²         | ug/ft²         | ug/ft²         | ug/ff²               | ug/ <del>ft°</del> | ug∕ft³         | ug/ft²         | ug/ft²         | ug∕ft²         |
| echnical          |                                                              |                                                                                                                                   |                                                                           |                                |                                                                            | samples.                       | analytica                                                                                                 | ٨              |                |                |                | ٨              |                      | ۸                  | ٨              |                |                |                |
| echnical Manager: |                                                              |                                                                                                                                   |                                                                           |                                |                                                                            |                                | results o                                                                                                 | 12             | 2500 1         | 210            | 1300           | 110            | 1 061                | 110                | 110 1          | 210            | 140            | 160            |
| Non               | -R                                                           | espo                                                                                                                              | ons                                                                       | sive                           | <b>e</b>                                                                   |                                | See QC Summary for analytical results of quality control samples                                          | g              | ug∕ft²         | ug/ft²         | ug/ft²         | ug/ft²         | ug/ft²               | ug/ft²             | ug/ft²         | ug/ft²         | ug/ft²         | ug/ft²         |

AMA Sample Number

Client Sample Number

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation NYLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratorics, we expressly disclaim any knowledge and

All rights reserved. AMA Analytical Services, Inc.



### AMA Analytical Services, Inc.



### QC Summary

Sample Delivery Group: 14297

Analysis Type;

Flame

Sample Type:

Wine

Analysis Date:

1/24/07

Result

Percent Recovery Comment

Preparation Blank Report Limit Verification Sample

-0.013 ppin 0.217 pprn

65.1%

86.46%

Acceptable Outside Limits

Expected Spike Level (npm) 0.3333

Duplicate Sample 1 Duplicate Sample 2 #Nema1 #Nume! nig/Kg mg/Kg

#15repe

3.61%

RPD

Witten

Matrix Spike Analysis

Spiked Sample

91.81%

Acceptable

Spike Duplicate Laboratory Control Sample 1

239.241

μg

249.034

83.39%

Acceptable Acceptable Acceptable

Laboratory Control Sample 2 Calibration Information

Correlation of Calibration Curve:

0.99803

All calibration verification snurples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 65.1%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 14299 (98,2% recovery).

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number 159358 26326 20070123CAD501

159358 26327

SDG Number:

14297

20070123CAD502 Page Foli2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 159358           | 26328             | 20070123CAD503       |
| 159358           | 26329             | 20070123CAD504       |
| 159358           | 26330             | 20070123WST601       |
| 159358           | 26331             | 20070123WST602       |
| 159358           | 26332             | 200701231/87603      |
| 159058           | 26333             | 20070123TWR501       |
| 159358           | 26334             | 20070123TWR502       |
| 159358           | 26335             | 200701231 WR503      |
| 159358           | 26336             | 20070123TWR504       |

SDG Number:

14297

Page 2 of 2

# and analytical services, inc.



Address: Client:

A Specialized Environmental Laboratory

## CERTIFICATE OF ANALYSIS

ZYES

| Ţ ple                   | on:                                       |                |                                | 83                                                                   |                       |       |              |
|-------------------------|-------------------------------------------|----------------|--------------------------------|----------------------------------------------------------------------|-----------------------|-------|--------------|
| Client Sample<br>Number | No. et co.                                |                | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lane, Attn: NGB-AVN-SI,<br>State Military Reservation | National Guard Bureau |       |              |
| Analysis Type           |                                           |                | nd 21078                       | tm: NGB-AVN-SI,<br>n                                                 |                       |       |              |
| Sample Type             | Summary o                                 | P.O. Number:   | Job Number:                    | Job Location:                                                        | Job Name:             |       |              |
| Air Volume<br>(L)       | f Atomic Al                               | Not Provided   | Not Provided                   | Cade Armory Baltimore                                                | Cade IFR              |       |              |
| Arca Wiped<br>(ff)      | Summary of Atomic Absorption Analysis for |                |                                | altimore                                                             |                       |       |              |
| Reporting<br>Limit      | alysis for Lead                           | Date Analyzed: | Person Submitting:             | Date Submitted:                                                      | Chain Of Custody:     |       |              |
| Final Result            |                                           | 12/20/2006     | Non-Re                         | 12/20/2006                                                           | 150781                |       |              |
| Comments                |                                           | Report Date:   |                                |                                                                      |                       |       |              |
|                         | Page   of                                 | 20-Dec-06      |                                |                                                                      | 10047                 | Ì     | 1092         |
| F                       | FOIA Requeste<br>Released                 | d Re           | ecore<br>Natio                 | d #J-15<br>onal Gu<br>Page                                           | ıard E                | Burea | D) (<br>au ( |

AMA Sampl Number

Attention:

|                                                                  |         | samples.     | associated with these samples. | associate | Mater SM-3113B | 12/2000/NA)_7/24: V                     | Solido: EDA GOODS     | Dainta and Cair   | 2017 N. 10 10 10 10 10 10 10 10 10 10 10 10 10                                                            |                 |
|------------------------------------------------------------------|---------|--------------|--------------------------------|-----------|----------------|-----------------------------------------|-----------------------|-------------------|-----------------------------------------------------------------------------------------------------------|-----------------|
| See QC Summary for analytical results of quality control samples | results | r analytical | Summary for                    | See QC:   | r. SM-3111B    | 00(M)-7420; Water                       | olids: EPA 600/R-93/2 | ints, and Soil/So | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B | Analysis Method |
| reg.                                                             | 12      | ٨            | Ę                              | 12.00     | N/A            | **************************************  | Wipe Blank            | Flame             | 20061215CAD2 10                                                                                           | 0720508         |
| ug/ft²                                                           | 850     |              | ug/ft²                         | 108.01    | 0.111          | %<br>**<br>**                           | Wipe                  | Flame             | 20061215CAD2 09                                                                                           | 0720507         |
| ug/ft²                                                           | 920     |              | ug/ft²                         | 108.01    | 0.111          | **                                      | Wipe                  | Flame             | 20061215CAD2 08                                                                                           | 0720506         |
| ug/ft²                                                           | 1500    |              | ug∕ft²                         | 108.01    | 0.111          | * * * *                                 | Wipe                  | Flame             | 20061215CAD2 07                                                                                           | 0720505         |
| ug∕ft²                                                           | 130     |              | ug/ft:                         | 108.01    | 0.111          | **                                      | Wipe                  | Flame             | 20061215CAD2 06                                                                                           | 0720504         |
| ug/ft²                                                           | 250     |              | ug/ft²                         | 108.01    | 0.111          | ***                                     | Wipe                  | Flame             | 20061215CAD2 05                                                                                           | 0720503         |
| ug/ft²                                                           | 110     | ۸            | ug/ft²                         | 108.01    | 0.111          | \$ <del>\$ \$ \$</del>                  | Wipe                  | Flame             | 20061215CAD2 04                                                                                           | 0720562         |
| ug/ft²                                                           | 110     | ۸            | në∕tt²                         | 108.01    | 0.111          | ***                                     | Wipe                  | Flame             | 20061215CAD2 03                                                                                           | 0720501         |
| ug/ft²                                                           | 370     |              | ug/ft²                         | 108.01    | 0.111          | ****                                    | Wipe                  | Flame             | 20061215CAD2 02                                                                                           | 0720500         |
| ug/ft²                                                           | 380     |              | ug/ft²                         | 108.01    | 0.111          | * * * * * * * * * * * * * * * * * * * * | Wipe                  | Flame             | 20061215CAD2 01                                                                                           | 0720499         |

BEST AVAILABLE COPY

Air and Wipe results are not corrected for any blank results Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted should not be considered when interpreting the result. %Pb = percent lead by weight N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb) Analys Technical Manager: Respons

this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accounted for the exchains now of the clients to whom it is addressed and these Laboratories. NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditations from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved AMA Analytical Services, Inc.



### AMA Analytical Services, Inc.



### QC Summary

Sample Delivery Group: 14172

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

12/20/2006

Result Percent Recovery

Comment

| Preparation Itlank               |        |
|----------------------------------|--------|
| Report Limit Verification Sample |        |
| Expected Spike Level (ppm)       | 0.3333 |
| Duplicate Sample 1               |        |

ppm

ppm

nų/Kg

101.5%

Acceptable Acceptable

#Num! mg/Kg

-0.087

0.3393

#None!

#Ufrent #Error

RPD

3.37%

Duplicate Sample 2 Matrix Spike Analysis

Spiked Sample

83,82%

Spike Duplicate

259,249

Acceptable Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

308 237 μg 87,85% 90.87% Acceptable Acceptable

### Calibration Information

Correlation of Calibration Curve:

SDG Number:

0.999473

All calibration vertileation samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number 20061215CAD2 01 20499 150781 20061215CAD2 02 20500 150781

Page I of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150781           | 20501             | 20061215CAD2 03      |
| 180781           | 20502             | 20061215CAD2 04      |
| 150781           | 20503             | 20061215CAD2-05      |
| 150781           | 20504             | 20061215CAD2 06      |
| 15078 k          | 20505             | 20061215CAD2 07      |
| 150781           | 20506             | 20061215CAD2 08      |
| 150781           | 20507             | 20061215CAD2 09      |
| 150781           | 20508             | 20061215CAD2 10      |

Page 2 of 2

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

## CERTIFICATE OF ANALYSIS

05-Jan-07 Page I of I Requested Record #J-15-0085 MD Released by National Guard Bureau Page 914 of 5269

Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SL

Attention:

Address:

Client

National Guard Bureau

Job Name:

Cade Clear #3

Job Location: P.O. Number: Job Number: Cade (\Baltimore) Armory Not Provided Not Provided

Person Submitting: Date Analyzed:

Date Submitted: Chain Of Custody:

1/5/2007 148410

1/5/2007

Report Date:

Summary of Atomic Absorption Analysis for Lead

| See QC Summary for analytical results of quality control samples | its of qu | cal resul | or analyti | Summary for | See QC | er: SM-3111B | )0/MI>-7420: Wat | olids: EPA 600/R-93/20 | inte and Soil/Su | Analysis Method for Flame: Air Wildes Paints, and Soil/Solids: FPA 600/R-93/200/MY-7420: Water SM-3111B | Voie Method |
|------------------------------------------------------------------|-----------|-----------|------------|-------------|--------|--------------|------------------|------------------------|------------------|---------------------------------------------------------------------------------------------------------|-------------|
|                                                                  | eg<br>Ug  | 12        | ٨          | S.          | 12.00  | N/A          | ****             | Wipe Blank             | Flame            | 20070104CAD3 10                                                                                         | 0722974     |
| 73                                                               | ug/ft²    | 560       |            | ug∕ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 09                                                                                         | 0722973     |
| 73                                                               | ug/ft²    | 680       |            | ug/ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 08                                                                                         | 0722972     |
| ft <sup>e</sup>                                                  | ug/ft²    | 3100      |            | աջ/ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 07                                                                                         | 0722971     |
| 75                                                               | ug/ft²    | 3500      |            | ug/ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 06                                                                                         | 0722970     |
| Ŷ²                                                               | ug/ft²    | 110       | ٨          | ug/ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 05                                                                                         | 0722969     |
| 72                                                               | ug/ft²    | 110       | ٨          | ug/ft²      | 108.01 | 0.111        | ****             | Wipe                   | Flame            | 20070104CAD3 04                                                                                         | 0722968     |
| 73                                                               | ug/ffs    | . 110     | ٨          | ug∕ft²      | 108.01 | 0.111        | **               | Wipe                   | Flame            | 20070104CAD3 03                                                                                         | 0722967     |
| 43                                                               | ug/ft²    | 120       |            | ug∕ft²      | 108.01 | 0.111        | **               | Wipe                   | Flame            | 20070104CAD3 02                                                                                         | 0722966     |
| 7.                                                               | ug/ft     | 410       |            | ug/ft²      | 108.01 | 0.111        | ***              | Wipe                   | Flame            | 20070104CAD3 01                                                                                         | 0722965     |

BEST AVAILABLE COPY

**BEST AVAILABLE COPY** 

AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Final Result

Comments

Number

%Pb = percent lead by weight N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted

Note: All results have two significant digits. Any additional digits shown

should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analyst:

Technical Manager:

NVLAP, NIST, or any agency of the Federal Government applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior with the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the condition of the co This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labor Holles. All rights reserved. AMA Analytical Services, Inc.



### AMA Analytical Services, Inc.



### QC Summary

Sample Delivery Group: 14228

|                                   | Analysis | Турс: | Plane               |         |            |
|-----------------------------------|----------|-------|---------------------|---------|------------|
|                                   | 9ample ՝ | Гура: | Wipe                |         |            |
|                                   | Analysis | Date: | 1/5/2007            |         |            |
|                                   | Ro       | sult  | Percent<br>Recovery | RPD     | Comment    |
| Preparation Blank                 | -0.074   | ppm   |                     |         | Acceptable |
| Report Limit Verification Sample  | 0.3323   | ppm.  | 99.7%               |         | Acceptible |
| Expected Spike Level (ppm) 0 3333 |          |       |                     |         | •          |
| Duplicate Sample 1                | #Num!    | mg/Kg |                     |         |            |
| Duplicate Sample 2                | #Num!    | тд/Ка |                     | #Hirepa | #1fror     |
| Matrix Spike Analysis             |          | ·     | ·                   |         | •          |
| Spiked Sample                     |          | •     | 85.12%              |         | Acceptable |
| Spike Duplicate                   |          |       | •                   |         | Acceptable |
| Laboratory Control Sample 1       | 271.799  | μв    | 90.18%              |         | Acceptable |
| Leboratory Control Sample 2       | 262,028  | μв    | 93.01%              | 3.09%   | Acceptable |

### Calibration Information

Correlation of Calibration Curve: 0.999699

All calibration verification samples are within acceptance limits.

Notes:

| Samples included | Lin this Sample | Delivery | Group (SDG) |
|------------------|-----------------|----------|-------------|
|------------------|-----------------|----------|-------------|

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 148410           | 22965             | 20070104CAD3 01      |
| 148410           | 22966             | 20070104CAD3 02      |
|                  |                   |                      |

SDG Number: 14228

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 148410           | 22967             | 20070104CAD3 03      |
| 148410           | 22968             | 20070104CAD3 04      |
| 148410           | 22969             | 20070104CAD3 05      |
| 148410           | 22970             | 20070104CAD3 06      |
| 148410           | 22971             | 200701040(AD3-07     |
| 148410           | 22972             | 20070104CA133 08     |
| 148410           | 22973             | 20070104CAD3 09      |
| 148410           | 22974             | 20070104CAD3 10      |
| 159352           | 22775             | 20070104WST4 01      |
| 159352           | 22976             | 20070104WST4 02      |
| 159352           | 22977             | 20070104W\$T4 03     |
| 159352           | 12978             | 20070104WST4 04      |
| 155849           | 22979             | 2238 1407 01         |
| 155849           | 22980             | 2238 1407 02         |
| 155849           | 22981             | 2238 1407 03         |
| 155849           | 22982             | 2238 1407 04         |
| 155849           | 22983             | 2238 1407 05         |
| 155849           | 22984             | 2238 1407 06         |
| 155849           | 22985             | 2238 1407 07         |

SDG Number: 14228 Page 2 of 2

# NAA Analytical Services, Inc.

A Specialized Environmental Laboratory

Client: Address:

## CERTIFICATE OF ANALYSIS

Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 917 of 5269

301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau Job Location: P.O. Number: Job Name: Job Number: Cade Armory Not Provided Cade Clear IV Not Provided Date Submitted: Date Analyzed: Person Submitting: Chain Of Custody: 1/12/2007 1/12/2007 Report Date: 15-Jan-07

# Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number        | Attention:                                     |                        |                                | Address:                                                            |
|-----------------------------|------------------------------------------------|------------------------|--------------------------------|---------------------------------------------------------------------|
| Client Sample<br>Number     |                                                |                        | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lane, Atm: NGB-AVN-SI,<br>State Military Reservation |
| Analysis Type . Sample Type |                                                |                        | dand 21078                     | , Attn: NGB-AVN-SI,<br>stion                                        |
| Sample Type                 | Summary o                                      | P.O. Number:           | Job Number:                    | Job Location:                                                       |
| Air Volume<br>(L)           | f Atomic A                                     | Not Provided           | Not Provided                   | Cade Armory                                                         |
| Area Wiped<br>(ft²)         | bsorption A                                    |                        |                                |                                                                     |
| Reporting<br>Limit          | Summary of Atomic Absorption Analysis for Lead | Date Analyzed:         | Person Submitting:             | Date Submitted:                                                     |
| Final Result                |                                                | 1/12/2007              | Non-Re5                        | 1/12/2007                                                           |
| Comments                    |                                                | Report Date: 15-Jan-07 |                                |                                                                     |
|                             | Page 1 of 1 OIA Reques                         | ted Re                 |                                |                                                                     |

|   | oles.     | associated with these samples.                                   | associate | Vater: SM-3113B | 3/200(M)-7421; V | /Solids: EPA 600/R-9:  | Paints, and Soil  | Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B | nalysis Method |
|---|-----------|------------------------------------------------------------------|-----------|-----------------|------------------|------------------------|-------------------|-------------------------------------------------------------------------------------------------------------|----------------|
|   | tical res | See QC Summary for analytical results of quality control samples | See QC (  | r. SM-3111B     | )0(M)-7420; Wate | olids: EPA 600/R-93/20 | ints, and Soil/So | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water SM-3111B    | nalysis Method |
| - | 12        | St.                                                              | 12.00     | N/A             | ***              | Wipe Blank             | Flame             | 20070111CAD4 07                                                                                             | 0724274        |
| _ | < 110     | ug/ft² -                                                         | 108.01    | 0.111           | 安安县              | Wipe                   | Flame             | 20070111CAD4 06                                                                                             | 0724279        |
| _ | < 110     | ug/ft² - ≺                                                       | 108.01    | 0.111           | ***              | Wipe                   | Flame             | 20070111CAD4 05                                                                                             | 0724272        |
| 0 | 1300      | ug/ft²                                                           | 108.01    | 0.111           | 费男女女             | Wipe                   | Flame             | 20070111CAD4 04                                                                                             | 0724271        |
| • | < _ 110   | ng/ff:                                                           | 108.01    | 0.111           | ***              | Wipe                   | Flame             | 20070111CAD4 03                                                                                             | 0724270        |
| _ | × 110     | ug/ft²                                                           | 108.01    | 0.111           | ***              | Wipe                   | Flame             | 20070111CAD4 02                                                                                             | 0724269        |
| 0 | 1200      | ug/ft²                                                           | 108.01    | 0.111           | ***              | Wipe                   | Flame             | 20070111CAD4 01                                                                                             | 0724268        |

BEST AVAILABLE COPY

BEST AVAILABLE COPY

Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb

mg/Kg = parts per million (ppm) by weight <math>mg/L = parts per million (ppm)

N/A = Not Applicable

should not be considered when interpreting the result. Note: All results have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results



Technical Manager: pons to NGE

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Labor conditions of apparently identical or similar products. NVLAP, NIST, or any agency of the Federal Government. from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and All rights reserved. AMA Analytical Services, Inc.



### AMA Analytical Services, Inc.



### QC Summary

Sample Delivery Group: 14256

Analysis Type;

Flame

Sample Type:

Wipe

Analysis Date:

1/12/2007

Result

Percent Recovery Comment

Preparation Blank
Report Limit Verification Sample

6bw

Acceptable

Expected Spike Level (ppm)

0.2973 р

0.000

#Num!

ppm 89.2%

Acceptable

Duplicate Sample 1

0.3333

mg/Kg

....

Duplicate Sample 2

e

#Num! mg/Kg

Alteror

#Escar

Matrix Spike Analysis

Spiked Sample

RPD

Acceptable

Spike Duplicate

279,565

100,00%

Acceptable

Laboratory Control Sample 1 Laboratory Control Sample 2

279,565 μg 279,130 μg 94.61%

0.36% A

Acceptable Acceptable

### Calibration Information

Correlation of Calibration Curve:

0.999143

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number

Client Sample Number

159355 159355 24268 24269 20070111CAPH 01

SDG Number:

14256

20070111CAD1 02

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number       |
|------------------|-------------------|----------------------------|
| 159355           | 24270             | 20070111CAD+ 03            |
| 159355           | 24271             | 20070111CAD4 04            |
| 159355           | 24272             | 20070111CAD4 05            |
| 159355           | 24273             | 20070111CAD4 06            |
| 159355           | 24274             | 20070111CAD4 07            |
| F61350           | 24275             | Plantl SC-49A Pleor        |
| 161350           | 24276             | Plant) SC-42B Floor        |
| 161350           | 24277             | Plantt SCol3B Plant        |
| 161350           | 24278             | Planti SC-44B Floor        |
| 161350           | 24279             | Plant SC-45B Floor         |
| 161350           | 24280             | Plant1 SC-46B Floor        |
| 161350           | 24281             | Plant I SC-978 Floor       |
| 161350           | 24282             | Plant1 SC-48B Floor        |
| 161350           | 24283             | Plant1 SC-49B Ploor        |
| 161350           | 24284             | Planti SC-27B Floor        |
| 161350           | 24285             | Plantl SC-33B Floor        |
| 161350           | 24286             | Plant1 SC-60B Cats Ceiling |

SDG Number: 14256 Page 2 of 2

# **AMA Analytical Services, Inc.**AIHA (#100470) NYLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

|                                       |                                        |                                       | F                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         | 232              |            |                                                                                              |            | 22.00                                               | AVAILABLE C                                                                                                                            | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TE PO Asi                                                                                                                                    |                                                                                                          | 4 ~              | 'nγ             | 1. Ma                        |
|---------------------------------------|----------------------------------------|---------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|------------------|------------|----------------------------------------------------------------------------------------------|------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------|-----------------|------------------------------|
| 4. Comments                           | <ol><li>Result</li></ol>               | 2. Date/1                             | LABORATORY STAFF ONLY: (CUSTODY)  1. Date/Time RCVD:// |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         | EWTOLLICADY 67   | 0/6        | 20                                                                                           | 20         | CLIENT ID NUMBER                                    | ☐ EPA 600 - Visual Estimate ☐ EPA Foint Count ☐ EPA Point Count ☐ NY State Friable 198.1 ☐ Grav. Reduction ELAP 198.6 ☐ Other (specify | PC MCE Porosity  CI AHERA  CI NIOSH 7402  CI Other (specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Asbestos Analysis  PCM Air – Please Indicate Filter Type: PC MCE Porosity in a 25r  INIOSH 7400 (QTY  TEM Air – Please Indicate Filter Type: | ☐ Please include COC/field data sheers with results Date & Time Results Required:/// ☐ Verbals: @ cell # | Address 3: 4/0   | Address 2: Hale |                              |
| ents:                                 | <ol><li>Results Reported To:</li></ol> | <ol><li>Date/Time Analyzed:</li></ol> | ORY STAFF ONLY Date/Time RCVD:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         | 3.00             | 6 5 min    | OH Floor                                                                                     | 1120       |                                                     | F 50 E                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | cate Filter Type:  in a 25m (QI (QIY)  cate Filter Type:                                                                                     | C/field data shes<br>Required:<br>@ cell #                                                               | 942 0273         |                 | NGS 22                       |
|                                       | o'<br>                                 | ř.                                    | x: (custo                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  | Strain,    | Similar                                                                                      | 8000       | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION D. | (QTY)(Q                                                                                                                                | in a 25mm 37mm<br>_(QTY)<br>(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | er Type: in a 25mm 37mm  ——(QTY)  —(QTY) er Type:                                                                                            | sheets with :                                                                                            | 13               | 21078           | 3                            |
|                                       |                                        |                                       | BX)<br> -                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  | •••        |                                                                                              |            |                                                     | (OLX)<br>(OLX)<br>(OLX)                                                                                                                | - (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                              | results                                                                                                  | Fax #.           |                 |                              |
|                                       |                                        |                                       | <b>®</b>                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              |            | VOLUME<br>(LITERS)                                  |                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                              | Reporti                                                                                                  | सं0              |                 | -400                         |
|                                       |                                        | @<br>                                 | V                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         | کر<br>4          | #          |                                                                                              |            | WIPE<br>AREA                                        |                                                                                                                                        | D Quar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TEM Bulk O EL, O NY O Res TEM Dust                                                                                                           | Reporting Information (Results will be provided as soon as                                               | 942 62           |                 |                              |
|                                       |                                        | _By (Print):                          | Via:                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              |            | TEM                                                 | ☐ ELAP 198.2/EPA: ☐ EPA 100.1 ☐ All samples receiv ☐ All water samples                                                                 | ☐ Qual. (pres/aos) ☐ Quan. (s/area) V ☐ Quan. (s/area)Dı ☐ Quan. (s/area)Dı ☐ Water ☐ Qual. (pres/abs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AP 198.<br>Y State PJ<br>sidual As                                                                                                           | nation (                                                                                                 | 45               |                 |                              |
|                                       | Via:                                   | ë<br> <br>                            |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              |            | PCM ANALYSIS                                        | ☐ ELAP 198.2/EPA 100.2<br>☐ EPA 100.1<br>☐ All samples received in<br>(TEM Water samples                                               | — Quan. (pres/abs) vacuum/bust  ☐ Quan. (s/area) Vacuum D5755-  ☐ Quan. (s/area)Dust D6480-99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | t/Chatfield                                                                                                                                  | Results:                                                                                                 | 4 4              | (a) h3          | <br>                         |
|                                       |                                        |                                       | By (                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              | ,          | -                                                   | °C)                                                                                                                                    | 1 7 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                              | will be pu<br>br □721                                                                                    | . Conta          | . Job L         | ubmitta<br>Job N             |
|                                       | Date                                   |                                       | By (Print):                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | 100 A A A A A A A A A A A A A A A A A A |                  |            |                                                                                              |            | MOLD<br>AIR                                         | adition un                                                                                                                             | 95   95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7] (QT)<br>(QT)<br>(QT)                                                                                                                      | ovided.<br>H⊟5D<br>fax#_                                                                                 | ct Person        | ocation:        | Inform                       |
|                                       |                                        |                                       |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         | <b>4</b>         |            |                                                                                              |            | BULK                                                | (QTY) unless other                                                                                                                     | QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX   QTX | 33                                                                                                                                           | as soon a                                                                                                | n-Responsive     | 73.77           | ation:                       |
|                                       |                                        |                                       |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            | 7.64<br>2.52<br>2.53<br>2.53<br>2.54<br>2.54<br>2.54<br>2.54<br>2.54<br>2.54<br>2.54<br>2.54 |            | DUST MATRIX<br>WARRANGTHER                          | wise notec                                                                                                                             | 3,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                              | s technio                                                                                                |                  | Air             | Clear                        |
|                                       | >                                      | Sign:                                 |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              |            | SPORE<br>TRAP                                       | L                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Les                                                                                                                                          | cally feat                                                                                               |                  | Joe X           | F                            |
|                                       | 7                                      |                                       |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |                  |            |                                                                                              |            | TAPE<br>SWAB                                        | IId - Direct Micros  Spore-Trap  Surface Swab  Surface Tape                                                                            | ☐ Drinkii<br>☐ Drinkii<br>☐ Waste 1<br>☐ Dust W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | id Analysis  Paint Chig  Dust Wipe  Air  Soil/Solid                                                                                          | able):<br>s* □24t<br>ŒEmai                                                                               |                  | PC              |                              |
|                                       |                                        |                                       | Sign:                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Date/Time:                              |                  | Date/Time: |                                                                                              | Date Line: |                                                     | copic A                                                                                                                                | ng Water<br>Water<br>Tipe Furnace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | is Alban. Chip                                                                                                                               | r After-Hours*                                                                                           | Signature:       | #  <br>         |                              |
| I I I I I I I I I I I I I I I I I I I | [pitto]c.                              |                                       |                                                        | A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA |               | Contact:                                |                  | Contact:   |                                                                                              | Contact:   | CLIENT CONTACT (LABORATORY STAFF ONLY)              | Analysis  OTY) Bulk (QTY)  OTY) Surface Vacuum Dust  (QTY) Other (Specify (QTY)                                                        | De lybe)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EM Buik  Lead Analysis 名もかった、ららかいとことに色 は 5・セイ・・・・                                                                                            | □Late-Night* (*must be pr                                                                                | me # 410 942 027 |                 |                              |
|                                       |                                        |                                       |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | By:                                     |                  | Ву:        |                                                                                              | BY:        | 1                                                   | []<br>[Q                                                                                                                               | (Q)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QTY)                                                                                                                                         | e-schedule                                                                                               | \\ \\ \          |                 |                              |
|                                       |                                        |                                       | Po<br>Ma                                               | sted<br>y, 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | to NGB<br>118 | FOIAR                                   | eadin <b>g</b> F | Room       |                                                                                              |            | BEST                                                | AVAIDABLE C                                                                                                                            | OFY<br>OFY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FOIA Requ<br>Rele                                                                                                                            | estee Reco                                                                                               | tional (         | Suard           | 85 (MD)<br>Bureau<br>of 5269 |



AMA Analytical Services, Inc.
Alha (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www amalah com

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

|              |                         |                        |                                                        | ٠,        |                                         | 100                                    | 3           | 13 E       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |            |            |          |       |             | N              | 33 <b>1</b>                               | VAILABLE                                                                                      |                   | Υ                           | F                            | }                   | ŀ               | স ≱                                                         | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ă c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 'n                         | 4,                        | ω                | 52              | - 3                                               |
|--------------|-------------------------|------------------------|--------------------------------------------------------|-----------|-----------------------------------------|----------------------------------------|-------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------------|----------|-------|-------------|----------------|-------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------|-----------------------------|------------------------------|---------------------|-----------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|------------------|-----------------|---------------------------------------------------|
| 4. Comments: | 3. Results 1            | 2. Date/Tin            | .ABOKALOKY STAFF ONL)  1. Date/Time RCVD:              |           |                                         |                                        | 01 SQUANDIO | y 09       | 280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 07   | 20         | os.        | 2        | 1 03  | 02          | 20070104CAD301 | CLIENT ID<br>NUMBER                       | ☐ EPA 600 - Visual Estimate ☐ EPA Point Count ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 | DLM Bulk          | D NIOSH 7402                | PC MCE Porosity in a 25n     | ☐ Fiberglass        | PC MCE Porosity | Asbestos Analysis<br>PCM Air – Please Indicate Filter Type: | U Verbals:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ☐ Please include COC/field dat<br>Date & Time Results Required:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Phone # 4/0 6              |                           | Address 2: Havre | Address 1: 361- | Mailing/Billing Information:  1. Client Name: NGS |
| 133          | 3. Results Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY)  1. Date/Time RCVD:// |           |                                         |                                        | びころどろ       | 5:001      | 5 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 77   | -          | M-11 1201  | 2000     | ווגעו | الملا       | Well Treo      |                                           | Estimate(QTY)(QTY)(QTY)                                                                       |                   | (QIY)                       | in a 25mm 37mm               | (QTY)               | in a 25mm 37mm  | e Filter Type:                                              | @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | UPlease include COC/field data sheets with results Date & Time Results Required:///                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 942 0273                   |                           | Do Gran          | (*              | Region                                            |
|              |                         |                        |                                                        |           |                                         |                                        | <br> <      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | ~~~        |            | -7/400 U |       |             | i.             |                                           | (QTY)                                                                                         | (QTY)             |                             | D                            |                     | Б               |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fax #                      |                           | 7012 07          | Lane            | とき エ                                              |
|              |                         | @<br>                  | <b>@</b>                                               |           |                                         |                                        | Z           | <          | and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o |      |            |            | -7550    |       | a.E.a.may d | 17.74          | VOLUME WIRE<br>(LITERS) AREA              | <u> </u>                                                                                      |                   | D Quar                      | οō                           | TEM Dust            | 200             | TEM Bulk                                                    | □ Fax Copy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Reporting Information (Results will be provided as soon as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 410 942                    |                           | C                |                 |                                                   |
|              | 7                       | By (Print):            | Via:                                                   |           |                                         |                                        |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |            |            |          |       |             |                | TEM PCM AZ                                | ☐ EPA 100.1                                                                                   | Qual. (pres/abs)_ | Quan. (s/area)Dust D6480-99 | Oual. (pres/abs) Vacuum/Dust | Residual Ash<br>ust | NY State PLM/T  | EF A D 100 //广                                              | )ру: —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | rmation (Resu<br>mmd. 🕄 24hr [                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0254                       |                           |                  |                 |                                                   |
|              |                         |                        | By (Print)                                             |           |                                         |                                        | k           | , , ,      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 010-4A-1   |            | Manage.  |       | - some      | X              | PLM ANALYSIS  PLM   BAD   MOLD            | (QTY)(QTY) ved in good condi                                                                  | (QTY)             | st D6480-99                 | /acuum/Dust                  | (QTY                | EM              |                                                             | @1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | lts will be pro:<br>]48hr ∏72hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ol><li>Submitte</li></ol> | <ol><li>Contact</li></ol> | 3. Job#          | 2. Joh Loc      | Submittal Ii                                      |
| Date:        | 7                       |                        | 8                                                      |           |                                         |                                        |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |            |            |          |       |             |                | AIR<br>BULK                               | tion unless other                                                                             |                   | (ALO)                       | (XLO)                        | <u> </u>            | -(QTX)          | )                                                           | 2 (<br># )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | nided as soom a<br>∏5 Dav + ∏1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | d by:                      | Person:                   |                  | tion: Cad       | nformation:                                       |
|              | ,                       | Sign                   |                                                        |           |                                         |                                        |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |            |            |          |       | Locare      | Λ              | DUST MATRIX WATER IX AND OTHER SPORE TRAP | se noted.                                                                                     |                   | 38                          |                              |                     |                 |                                                             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ns technically i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            |                           |                  | ( 12-214:       | Crar H                                            |
| 1 ime:       |                         |                        |                                                        |           |                                         | 20000000000000000000000000000000000000 |             |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |            |            |          |       |             |                | TAPE<br>SWAB                              | Mold - Direct Micros  Spore-Trap  Surface Swab _ Surface Tape                                 | o bust wif        | Waste Water                 | D TCLP                       | ☐ Air               | Dust Wig        | Lead Analysis                                               | C Email (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | leasible):<br>  Jung* ∏74brr/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sig                        |                           | P.O. #           | Mar. /          | ű                                                 |
|              |                         |                        | Sign:                                                  |           |                                         |                                        |             | Date/Time: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | A ALLAW    | Date/Time: |          |       | China anna  | Date/Time-     | C.ABC                                     | Copic                                                                                         | e rumace (wipe ty |                             | (XLD)                        | (QTY)               | ve (wipe type G |                                                             | opy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | fter∟Home* □T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | mature:                    | @ phone #                 | <i>*</i>         |                 |                                                   |
| Initials:    |                         |                        |                                                        |           | *************************************** |                                        |             | Contact:   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | Condition. | Contact:   |          |       | Conde       | Contact        | CLIENT CONTACT  (LABORATORY STAFF ONLY)   | Analysis  ZTY) G Bulk (QTY)  _(QTY)G Surface Vacuum Dust (QTY) G Other (Specify (QTY)         | pe)               | (QTY)                       |                              | 3                   | ) 10            | <b>(</b>                                                    | © Solution of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the | Information (Results will be provided as soon as technically feasible):  [Immd. \$\frac{1}{2}\text{thr}  \text{18hr}  \text{72hr}  \text{5 Day} +  \text{Immd} \text{After.}  \text{Forms}   \text{Three}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}   \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}  \text{1-ater.}   \text{1-ater.}   \text{1-ater.}  \text{1-ater.}  \text{1-ater.}   \text{1-ater.}   \text{1-ater.}   \text{1-ater.}   \text{1-ater.}                                                                                                                                          \ |                            | 1 410942 02               |                  |                 |                                                   |
|              |                         |                        | P<br>M                                                 | ost<br>ay | ed to                                   | NG<br>8                                | BF          | By:        | Rea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ıdin |            | e<br>om    |          |       | Dy.         |                |                                           |                                                                                               | col               | Y                           |                              | F                   | -[QTS]<br>OIA   | Reqi<br>Rele                                                | ueste<br>eased                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Red<br>I by N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | atio                       | nal                       | Gua              | rd E            | 5 (MD<br>Burea<br>of 526                          |

Number

Attention:

# AMA Analytical Services, Inc.

. .

į

A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

Address: Clicot: State Military Reservation 301-1H Old Bay Lane, Attn: NGB-AVN-SL National Guard Burcau Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Number: Job Name:

Cade (\Baltimore) Armory Cade Clear #3

Not Provided Not Provided

Date Submitted: Person Submitting:

Chain Of Custody:

148410 1/5/2007

Page 922 of 5269

Date Analyzed:

1/5/2007

Report Date:

FOIA Requested Record #J-15-0085 (MI)
Released by National Guard Bureau

05-Jan-07

Page 1 of 1

Summary of Atomic Absorption Analysis for Lead

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B AMA Sample 20070104CAD3 08 20070104CAD3 07 20070104CAD3 06 20070104CAD3 05 20070104CAD3 04 20070104CAD3 03 20070104CAD3 02 20070104CAD3 01 20070104CAD3 10 20070104CAD3 09 Client Sample Analysis Type Flame Flame Flame Flame Flame Flame Flame Flame Flame Flame Sample Type Wipe Blank Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Vipe Air Volume \*\*\* \*\*\* \*\*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \* Area Wiped 0.11 0.111 0.111 0.111 0.113 0.111 0.111 0.111 0.111 See QC Summary for analytical results of quality control samples 108.01 108.01 108.01 108.01 108.01 10,801 108.01 108.01 108.01 Reporting Limit ug/ft² ug/fi² ug/ft² ug/ft² ug/<del>f</del>t? ug/ft² ug/ft² ug/ft² mg/ft² Final Result 3100 3500 5 10 5 120 40 ug/ft² ug/ft² ug/ft³ ug/ft² ra/gu <u>դ</u>Ա/Ճո ug/ft² ug/ft² Comments

N/A = Not Applicable %Pb = percent lead by weight mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

associated with these samples.

0722973 0722972 0722971 0722970 0722969 0722968 0722967 0722966 0722965

Note: All samples were received in good condition unless otherwise noted

should not be considered when interpreting the result. Note: All results have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results

Analyst

Technical Manager

NGB FOIA Reading Room

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly dischim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHFRA air committee.

All rights reserved, AMA Analytical Services, Inc.

BEST AVAILABLE COPY

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NYLAP, NIST, or any agency of the Federal Government

.

1 1 1

**AMA Analytical Services, Inc.**AIHA (#100470) NYLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706

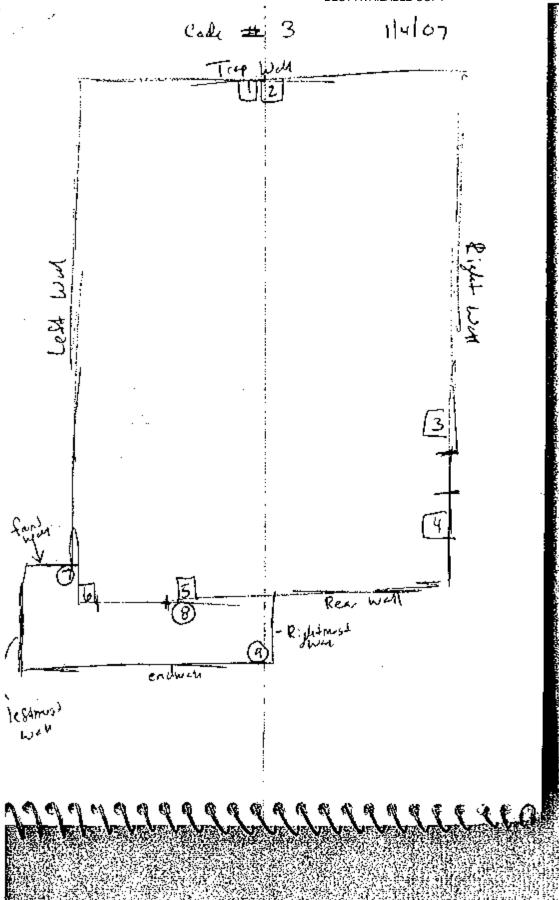
CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

.

:

| <u>م.</u>    | 3. Re:                  | 2. Dai                 | LABORATOR:<br>1. Dat                                  |                |       | 200000CAD 3 | <b>*</b>      |               |       |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 20070104CAD301 | CLIENT ID<br>NUMBER                                 | ☐ Gray. Reduction ☐ Other (specify | Li EPA Point Count          | ELMLBulk<br>Cl EPA 600 – Visual Estimate | Other (specify      | O AHERA                     | TEM Air - Please Indicate Filter Type: PC MCE Porosityin a 25n | ☐ Fiberglass | PC MCE Porosity.    | Asbestos Analysis  PCM Air - Please Indicate Filter Type: | U Verbals:      | ☐ Please include COC/field date Date & Time Results Required:                                                                 |                                 | Address 3:                         | 3. Address 2: He                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2. Address 1: 30 | Mailing/Billing Information:  1. Client Name: N&B | (301) 439-2640 • (<br>www.amalab.com                                 |
|--------------|-------------------------|------------------------|-------------------------------------------------------|----------------|-------|-------------|---------------|---------------|-------|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|-----------------------------------------------------|------------------------------------|-----------------------------|------------------------------------------|---------------------|-----------------------------|----------------------------------------------------------------|--------------|---------------------|-----------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------|----------------------------------------------------------------------|
| 4. Comments: | 3. Results Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY)  1. Date/Time RCVD:/ |                |       | 10 BLA      | as Plan Strik | Floor,        |       | 05 Wall 1865 | 2 11-W KD |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | الملا | 301 Will Trap  | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | m ELAP 198.1                       | (2TS)                       | uai Estimate                             | y(Q11)              |                             | dicate Filter Type:                                            | (QTY)        | ilyin a 25mm 37mm   | licate Filter Type:                                       | @ cell #        | ☐ Please include COC/field data sheets with results  Date & Time Results Required:///////                                     | 410 942 0273                    |                                    | b Grace H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | W Bry            | Region                                            | (301) 437-2040 (300) 340-0701 * Fax (301) 437-2043<br>www.amalab.com |
|              |                         | //                     | /07                                                   |                |       | 4           |               |               |       |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | - X            | VOLUME<br>(LITERS)                                  | (QTX)                              |                             | .(QTY)                                   | (QTY) = I           |                             |                                                                | =            |                     | В                                                         | HO H            | <br>                                                                                                                          | Fax # 410 9                     |                                    | 31012 AH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lane             | V ₹ - 1+                                          |                                                                      |
|              | Via:                    | @By (Print):           | @1080 Via Fed E                                       |                |       | Ζ           | <b>\</b>      |               |       |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 4.74.          | WIPE M ANALYSIS                                     | (TEM Water samples_                | Ser loo.                    | DELAP 198.2/EPA 100.2                    | D Ougl (pres/abs)   | Quan. (s/area)Dust D6480-99 | Qual (pres/abs) Vacuum/Dust                                    | TEM Dust     | INY State PLM/TEM   | TEM Bulk<br>□ ELAP 198.4/Chatfield                        | ☐ Fax Copy:     | Reporting Information (Results will be provided as soon as tech                                                               | 942 0254                        |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                   |                                                                      |
|              | Date:                   | No                     | EX By Phia                                            |                |       |             |               |               |       |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | X              | MOLD                                                | (TEM Water samples°C)              | (61.1)                      |                                          | OTY                 | - 35                        |                                                                | (614)        |                     | (VTV)                                                     | @ fax #         | information (Results will be provided as soon as tech<br>□Immd. \$\frac{1}{2}\text{2hr} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <ol><li>Submitted by:</li></ol> | <ol> <li>Contact Person</li> </ol> | 3. Job #.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | P.               | 1. Job Name: Ceda                                 |                                                                      |
|              | 111                     | wave in                |                                                       |                | - 1   | <b></b>     |               |               |       |              |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | X              | BULK MAIRUX DUST MAIRUX WATER PROPERTY              | Otherwise noted.                   |                             |                                          |                     | (QTY)                       | (QTY)                                                          |              |                     | 3.L                                                       |                 | on as technically fear<br>□ limmd. After-Hour                                                                                 |                                 |                                    | arring and a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec | 7                |                                                   |                                                                      |
|              | Time:                   |                        | Sign:                                                 |                |       |             | Date/Time:    |               |       | Date/Time:   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | Date/Time:     | SWAB                                                | ☐ Surface Tape                     | Н                           | oscop                                    | ☐ Dust Wipe Furnace | Waste Water (Q)             | O TCLP                                                         |              | Dust Wipe (wipe typ | ad Analysis                                               | _ D Email Copy: | sible):<br>≀s* □24hr After-Hour                                                                                               | Signature:                      | 9.1                                | P.O. #.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ( Acmarx         | \$                                                |                                                                      |
|              | In                      |                        |                                                       |                |       |             | e: Contact:   |               |       | e: Contact:  |           | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |       | e: Contact:    | CLIENT CONTACT (LABORATORY STAFF ONLY)              | _(QTY)                             | (QTY) A Surface Vacuum Dust | c Analysis                               | (wipc typc))        | (ALA)                       | (QTY)                                                          | (OTY)        | pe_Ghast_)          | (QTY)                                                     | @               | technically feasible):  und. After-Hours* □ 24hr After-Hours* □ Late-Night* (*must be pre-scheduled) g  o                     |                                 | shame # 410942 02                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,                |                                                   |                                                                      |
|              |                         |                        | Pos                                                   | ted <b>t</b> o | NGB I |             | A Re          | a <b>d</b> in | ıg Ro | y:<br>oom    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | By:            | BEST                                                | Ĭ                                  |                             |                                          | (QT)                | PΥ                          |                                                                |              | QTY)                | DIA R                                                     | equ             | re-scheduleded<br>ested b                                                                                                     | Riec<br>y Na                    | ord atio                           | #J-<br>nal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -15-<br>Gua      | 0085<br>ard B<br>23 o                             | i (ME<br>turea                                                       |



Posted to NGB FOIA Reading Reom \_ ; \_ May 2018

BEST AVAILABLE COP

FOIA Reduction Record #J-15-0085 (MD) Released by National Guard Bureau Page 924 of 5269

Call #3 1/4/07
horizontal lings
20070104CAD301- Well, Trap, Vent had in center, adjust to D side
OZ Well, trap Went hole, B side, 6th & 7th brick from lings
33 Well, Right, 21' from Rear Well, 3' from floor
24 Well, Right, 9' from Rear Well, 5' from floor
35 Well, Rear, 7' from D wall, 3' from floor
06 Well, Rear, adjusted to D well, 1' from floor
07 Floor, storage room, adjusted to fant well & D well
08 Floor, storage room, 15' from leftmost well, edjected to med
59 Floor, storage room, 3' from rightmost well, adjected to med
59 Floor, storage room, 3' from rightmost well, 3' from end well

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

(Please Refer To This

| LABORATORY STAFF ONLY: (CUSTODY) | 200 TO BLANK Y             | F                       | 7                                                        | Indicate F rosity 02 sify Visual Es Count rhable ction EL.                                                                                                                                                                                                                                        | □ Please include COC/field data sheets with results  Date & Time Results Required: ////////////////////////////////////                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4475 Forbes Bivd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amalab.com  Mailing/Billing Information: 1. Client Name: No B Regges North 111 2. Address 1: 361-1H Old Bry Lend 3. Address 2: Have & Grace + D 21078 4. Address 3: 4. Address 3: 5. Phone # 410 942 0273 Fax # 410 |
|----------------------------------|----------------------------|-------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| To FX                            | Z <                        |                         | AREA PLANTED MOLD AIR                                    | II. (pres/abs) Vacuum/Dust (QT) III. (s/area) Vacuum D5755-95 ((QT) III. (s/area)Dust D6480-99 (QTY) III. (pres/abs) (QTY) III. (pres/abs) (QTY) AP 198.2/EPA 100.2 (QTY) AP 198.2/EPA 100.2 (QTY) AP 198.2/EPA 100.2 (QTY)  **Samples received in good condition unless othe Water samples (QTY) | ation (Results will be provided as soon as tecl d. <b>\(\mathbb{R}\)24\)</b> \(\text{Immd}\) \(\text{172\) br \(\text{15}\) Day + \(\text{Immd}\) \(\text{172\) br \(\text{15}\) Day + \(\text{Immd}\) \(\text{172\) \(\text{17}\) \(\text{172\) \(\text{172\)}\) \(\text{172\) \(\text{172\)}\) \(\text{172\) \(\text{172\)}\) \(\text{172\) \(\text{172\)}\) \(\text{172\) \(\text{172\)}\) \(\text{172\) \(\text{172\)}\)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Submittal Information:  1. Job Name: Cada Cla 2. Job Location: Cada Cla 3. Job # Contact Person 6. 942 0254 5. Submitted by:                                                                                                                                                                                      |
| Posted to NGB                    | Date/Time: Contact: By: AR | Date/Time: Contact: By: | Date/Fime:   Contact: By:                                | ☐ TCLP (QTY) ☐ Drinking Water (QTY) ☐ Waste Water (QTY) ☐ Dust Wipe Furnace (wipe type ) ☐ Dust Wipe Furnace (wipe type (QTY)) ☐ Spore-Trap (QTY) ☐ Bulk (QTY) ☐ Surface Swab (QTY) ☐ Surface Vacuum Dust (QTY) ☐ Other (Specify )                                                                | ### After-Hours*   Late-Night* (*must be pre-scheduled)  nail Copy:   @    lysis nt Chip   (QTY) st Wipe (wipe type   Chest   )   \( \D \) (QTY)    USolid   (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number For Inquires)  Acrost y  Baltimore) Acrost y  P.O. #:  Bythone # 410942 0273  Signature:                                                                                                                                                                                                                   |
|                                  | To FX                      | Posted to NGB FOIA Rea  | Date/Time: Contact: By:  Posted to NGB FOIA Reading Room | TE (LITBES) AREA ANALYSIS AREA AREA AREA AREA AREA AREA AREA ARE                                                                                                                                                                                                                                  | COUSTODY)   COUSTODY)   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTODY   COUSTOD | Reporting information (Results will be provided as soon as technically feasible):                                                                                                                                                                                                                                 |

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

1

CERTIFICATE OF ANALYSIS

Affection:

Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lane, Ann: NGB-AVN-SI,

Address: Client

National Guard Bureau

Job Location: P.O. Number: Job Number: Job Name: Not Provided Cade Clear #3 Not Provided

Cade (\Baltimore) Armory

Chain Of Custody:

1/5/2007 148410

Person Submitting: Date Submitted:

Date Analyzed:

1/5/2007

Report Date:

05-Jan-07

Page I of i

Summary of Atomic Absorption Analysis for Lead

| AMA Sample<br>Number | Client Sample<br>Number                                                                                   | Analysis Type       | Sample Type         | Air Volume<br>(L) | Area Wiped | Rep<br>L | Reporting<br>Limit | :<br>:        | Final Result | ut t                | Comments                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------|---------------------|---------------------|-------------------|------------|----------|--------------------|---------------|--------------|---------------------|------------------------------------------------------------------|
|                      |                                                                                                           |                     |                     | -                 |            |          | . 1                |               |              |                     |                                                                  |
| 0722965              | 20070104CAD3 01                                                                                           | Flame               | Wipe                | ***               | 0.111      | 108.01   | ug∕ft²             |               | 410          | ug/ft²              |                                                                  |
| 0722966              | 20070104CAD3 02                                                                                           | Flame               | Wipe                | *                 | 0.111      | 108.01   | ug/ft²             |               | 120          | ug/ft²              |                                                                  |
| 0722967              | 20070104CAD3 03                                                                                           | Flame               | Wipe                | ***               | 0.111      | 108.01   | ng/ft²             | ٨             | 110          | ug/fi²              |                                                                  |
| 0722968              | 20070104CAD3 04                                                                                           | Flame               | Wipe                | ***               | 0.111      | 10.803   | սք/Ուշ             | ٨             | 110          | ug/ft²              |                                                                  |
| 0722969              | 20070104CAD3 05                                                                                           | Flame               | Wipe                | *                 | 0.111      | 10.801   | ug/ft²             | ۸             | 110          | ug/ <del>ft</del> ² |                                                                  |
| 0722970              | 20070104CAD3 06                                                                                           | Flame               | Wipe                | ****              | 0.111      | 108.01   | ug/ft²             |               | 3500         | ա <i>ջ/</i> Գո      |                                                                  |
| 0722971              | 20070104CAD3 07                                                                                           | Flame               | Wipe                | * *               | 0.111      | 10.801   | ug/ft²             |               | 3100         | ug/ft²              |                                                                  |
| 0722972              | 20070104CAD3 08                                                                                           | Flame               | Wipe                | * * *             | 0.111      | 10,801   | ug/ft²             |               | 680          | บg/πิ³              |                                                                  |
| 0722973              | 20070104CAD3 09                                                                                           | Flame               | Wipe                | ***               | 0.111      | 108.01   | ug/ft²             |               | 560          | ug/ft²              |                                                                  |
| 0722974              | 20070104CAD3 10                                                                                           | Flame               | Wipe Blank          | ****              | NA         | 12,00    | 뜐                  | ٨             | 12           | 뜺                   |                                                                  |
| \nalysis Method f    | Analysis Method for Flame: Air, Wipes, Paints. and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B | aints, and Soil/Sol | ids: EPA 600/R-93/2 | 00(M)-7420; Water | r SM-3111B | See QC   | Summary            | for analytica | l result     | s of quality co     | See QC Summary for analytical results of quality control samples |

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-93/200(M)-7421; Water: SM-3113B

associated with these samples

SyPb = percent lead by weight ug = micrograms ug/L = parts per million (ppm)

Wote: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise noted.

Note: All samples were received in good condition unless otherwise the result.

Analyst:

Analyst:

Analyst:

Technical Manager:

Anir and Wipe results are not corrected for any blank results

Analyst:

Anir and Wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not corrected for any blank results

Analyst:

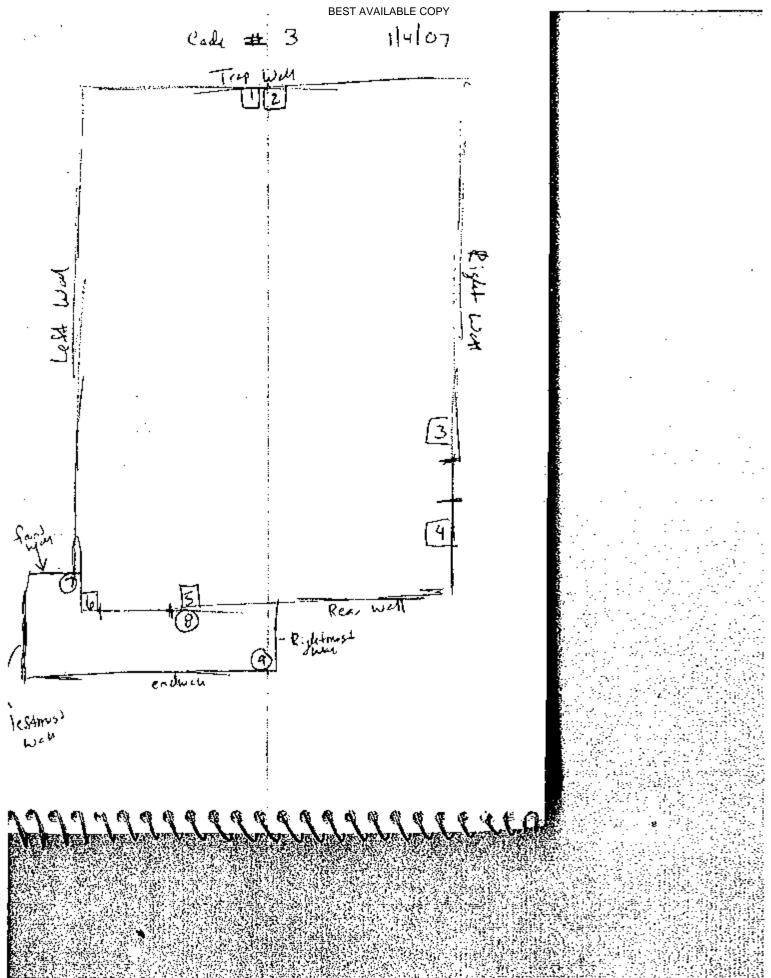
Anir and wipe results are not corrected for any blank results

Analyst:

Anir and wipe results are not considered when interpreting the products. As a nutual protection to clients, the public and these Laboratories, we expressly disclaim any knowledge and good and accepted by the personned of these Laboratories, we expressly disclaim any knowledge and accepted by the client. WILAP Accreditation applies only to color any agenty of the federal Government.

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 Released by National Guard Bure 1



Posted to NGB FOIA Reading Room.

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau I Page 928 of 5269

BEST AVAILABLE COPT

Cade # 3 1/4/07

Revision ledge
20070104CAD301- Well Trap, Vent hole in cirtu, elgent to @ side
02. Well trap, Went hole, @ side, 6th to 7th brick from ledge
33 Well, Right, 21 from Rear well, 3 from floor
34 Well, Right, 9 from Rear well, 5 from floor
35 Well, Rear, 7 from @ will, 3 from floor
06 Well, Rear, of from @ will, 3 from floor
07 Floor, storage room, adjacent to front well & @ well
08 Floor, storage room, 15 from leftmost well, edgecent to man
59 Floor, storage room, 3 from rightmost well, edgecent to man
59 Floor, storage room, 3 from rightmost well, 3 from end well

BEST AVAILABLE COPY

**AMA Analytical Services, Inc.**AIHA (#100470) NYLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

100 100 H

|                       | Initials:                               | Time:                              | l<br>∄                                                      |           | <br> <br> -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                             |                                                                            | Date:                                                       | ٦                                       |                          | ľ                                                           | Via:                                                               |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | ed To:                                   | Report           | 3. Results Reported To:                     |                                      |                                 |
|-----------------------|-----------------------------------------|------------------------------------|-------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------|--------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|------------------------------------------|------------------|---------------------------------------------|--------------------------------------|---------------------------------|
|                       |                                         |                                    |                                                             |           | Sign:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                             |                                                                            |                                                             |                                         |                          |                                                             | (m):                                                               | By (Print):                                  |                                                                                             | @                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | 1         | alyzed:                                  | ıme Ana          | <ol><li>Date/Time Analyzed:</li></ol>       |                                      |                                 |
|                       |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             | i (Sumo)                                | Loy (Pront):             |                                                             |                                                                    |                                              | \<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\<br>\ | (E                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ļ        | ,  <br>,  | ·                                        | me KC            | I. Date/Time KCVD:                          |                                      |                                 |
| Po<br>Ma              |                                         | 2<br>I                             |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             |                                         | <b>d</b>                 |                                                             |                                                                    | •                                            | 4                                                                                           | Đ                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ۲        | XIOD3     | LABORATORY STAFF ONLY: (CUSTODY)         | LAFE O           | CORY SI                                     | BORA                                 | LA                              |
| sted<br>ly, 20        |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             |                                         |                          |                                                             |                                                                    |                                              | 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100                          |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           |                                          |                  |                                             |                                      |                                 |
| to NO                 |                                         |                                    |                                                             |           | 74.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00<br>10.00 | 570<br>N 100<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200 | 54.6<br>64.6<br>76.5<br>76.5<br>76.5<br>76.5<br>76.5<br>76.5<br>76.5<br>76 | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200 |                                         | 500<br>500<br>500<br>500 | 2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>200 | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200 | 200<br>000<br>000<br>000<br>000              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           |                                          |                  |                                             |                                      | 140<br>240<br>250<br>250<br>260 |
| GB F                  |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | k                                                                          |                                                             |                                         |                          |                                                             |                                                                    |                                              | 7                                                                                           | Z                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | K        |           | SCANK                                    |                  | 102 10                                      | 2606 1215 CAD                        | 2007                            |
| By:                   | ne: Contact:                            | Date/Time:                         |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | -                                                                          |                                                             |                                         |                          |                                                             |                                                                    | 1000<br>1000<br>1000<br>1000<br>1000<br>1000 |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | \$ <b>&lt;</b> 03                        | 09 860           | Q                                           |                                      |                                 |
| Rea                   |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | <u>_</u>                                                                   |                                                             | -                                       |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | ·         | 15075 10                                 | 8 Elwi           | 80                                          |                                      |                                 |
| din                   | THE THE THE THE THE THE THE THE THE THE |                                    | 2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>200 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             |                                         |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   | 2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |           | N 88 00                                  | 1                | 402 07                                      | 2006/2/5CAD2                         | 3000                            |
|                       |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | ******                                                                     |                                                             |                                         |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | 1933                                     | <                | 90                                          |                                      |                                 |
| By:                   | ne: Contact:                            | Date/Time:                         |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             |                                         |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | £:,4,3                                   | S)               | 20                                          |                                      |                                 |
|                       |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | neacrip.                                                                   |                                                             | _                                       |                          | -4200 etc.                                                  |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | ű                                        | -c               |                                             | 20061215CADZ                         | 2000                            |
|                       |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             |                                         |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | ***       |                                          | 3                | 03                                          |                                      |                                 |
|                       |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             | _                                       |                          |                                                             |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           |                                          |                  | 02                                          |                                      |                                 |
| Ву:                   | ne: Contact:                            | Date/Time:                         | VIII.                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | X                                                                          |                                                             |                                         | /                        | N/                                                          |                                                                    |                                              | 2                                                                                           | H×.H                                                                              | 73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51<br>73.51 | 12 14    |           | Trap                                     | DAI.             | 20061215 (ADZOI                             | 612150                               | 202                             |
| BEST                  | (LABORATORY STAFF ONLY)                 |                                    | SWAB                                                        | $T_{APE}$ | SPORE<br>TRAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RATER AND OTHER                                                             | DUST                                                                       | BULK                                                        | MOLD<br>AIR                             | -                        | PLM                                                         | PCM ANALYSIS                                                       | TEM                                          | PEA                                                                                         | ME WIPE                                                                           | VOLUME<br>(LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DATE     | ON<br>CON | SAMPLE INFORMATION SAMPLE LOCATION DATE: | SAM<br>SAM<br>ID | T ID                                        | CLIENT ID<br>NUMBER                  |                                 |
| ΓΑ\                   |                                         |                                    |                                                             |           | Ł                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |                                                                            |                                                             |                                         | ľ                        |                                                             | (TEAM water samples                                                | Availer 5                                    | TATAL                                                                                       | _                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (QT)     |           |                                          |                  | specify                                     | Other (specify                       | c                               |
|                       | (QTY) Other (Specify                    | ☐ Surface Tape                     | Surfac                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | se notex                                                                    | therwi                                                                     | unless (                                                    | dition (                                | ეთ<br>Con                | ed in go                                                    | ☐ All samples received in good condition unless otherwise noted.   | sample:                                      | DAII.                                                                                       |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | QTY<br>Y |           |                                          | ELAP 19          | Grav. Reduction ELAP 198.1                  | ☐ NY State Friable ☐ Grav. Reduction | o c                             |
|                       | _(QTY) Bulk (QTY)                       | Trap                               | Spore-Trap                                                  | 30        | ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |                                                                            |                                                             |                                         | (XLD)                    |                                                             |                                                                    | 100.1                                        | ☐ EPA 100.1                                                                                 | 1                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | (QTY)                                    | Соппа            | EPA Point Count                             | EPA Po                               | 000                             |
| E C                   | ic Analysis                             | Mold - Direct Microscopic Analysis | Direct                                                      | - ploi    | ы                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |                                                                            | QT3                                                         | (2)                                     |                          | 100.2                                                       | ☐ ELAP 198.2/EPA 100.2                                             | ☐ ELAP 198.2/EP#                             |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5        | OTV       | •                                        | Ferimete         | <u>[Bulk</u><br>  EPA 600 - Visual Estimate | Bulk                                 | PLM Bulk                        |
| OPY)                  | Dust Wipe Furnace (wipe type))          | Vipe Furnaci                       | Dust V                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             | 3                                       |                          |                                                             | (ahe)                                                              | i (Arrest                                    | TEM Water                                                                                   | THI                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (SLLD)   |           |                                          |                  | specify                                     | Other (specify.                      |                                 |
| Y                     |                                         | Water                              | Waste Water                                                 | ļĢ        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ,                                                                           | (QTY)                                                                      | 5                                                           | *************************************** | 1-99                     | D6480                                                       | Quan. (s/area)Dust D6480-99                                        | m. (s/ar                                     |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | (Q13)                                    |                  | 7402                                        | O AHERA                              | <b>-</b>                        |
|                       | (QTY)                                   | Drinking Water                     | Drinki                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ٠,                                                                          | {}<br>  (§)<br>  (§)                                                       |                                                             |                                         | 755-95                   | uum Di                                                      | ☐ Quan. (s/area) Vacuum D5755-95                                   | д. (s/an                                     |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | mm<br>m   | in a 25mm 37mm                           | 15               | MCE Porosity_                               | PC MCE                               | שנ                              |
|                       | (QTY)                                   | olid                               | Soil/Solid                                                  | 00        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | 3                                                                          | <b>.</b>                                                    |                                         | 1                        | 7                                                           | (ake) V                                                            | 1 (max                                       | TEM Dust                                                                                    | TEN                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | Type:                                    | te Filter        | TEM Air – Please Indicate Filter Type:      | □ Hibergiass.<br>1 Air – Please      |                                 |
| FC                    | (QTY)                                   |                                    | Air                                                         | Ö         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            | ,                                                           | ರ,                                      | QT<br>QT                 |                                                             | sh                                                                 | idual A                                      | ☐ Res                                                                                       |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | (ALO)                                    |                  | 7400                                        | NIOSH 7400                           | 00                              |
| OIA                   | Vine (CIII)                             | Vine (wine t                       | Paint V                                                     | M C       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            | 35                                                          | 32                                      |                          | M L                                                         | LM/TE                                                              | State P                                      | Z (                                                                                         |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | B         | er rype:<br>_in a 25mm 37mm              | in in            | PC MCE Porosityin a 25r                     | PC MCE Porosity                      | P                               |
| Req<br>Rel            | i i i i i i i i i i i i i i i i i i i   | . 66                               | nalysi                                                      | Lead A    | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |                                                                            |                                                             | 3                                       |                          |                                                             |                                                                    |                                              | TEM Bulk                                                                                    | TEN                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | 77                                       |                  | alysis                                      | Asbestos Analysis                    | Asbe                            |
| juesi<br>ease         | x Copy;                                 | Copy:                              | Email                                                       | )<br>O    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            |                                                             | fax#                                    | (e)                      |                                                             |                                                                    | ľ                                            | Fax Copy:                                                                                   | _ D Fax                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | @ cell #                                 |                  |                                             | □ Verbals:                           | □ v <sub>e</sub>                |
| πe-schedul <b>æl)</b> | urs* □Late-Night* (*must be p           | cAfter-Hou                         | ]]24加                                                       | Es*       | er-Ho                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | nd. Affi                                                                    |                                                                            | Day+                                                        |                                         | ]]72bı                   | [48hr]                                                      | Ahr 🗆                                                              | P                                            |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (e)      | ļ         | d:/                                      | Require          | Date & Time Results Required:               | & Time                               | Date                            |
| Rec<br>y Na           |                                         |                                    | e):                                                         | oldisea   | allly f                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | echnic                                                                      | as t                                                                       | as so                                                       | yvided                                  | be pro                   | ts will                                                     | (Resul                                                             | ation                                        | morm                                                                                        | Reporting Information (Results will be provided as soon as technically feasible): |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | II.      | ith resu  | ata                                      | /field d         | ude COC                                     | ase incl                             |                                 |
| ord<br>ation          |                                         | ignature:                          | S                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            | in-Res                                                      | ted by                                  | ubmit                    | S.                                                          |                                                                    | 45                                           | 02                                                                                          | 942                                                                               | 014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Fax #    |           | 0275                                     | 942              | 01%                                         | Phone #.                             |                                 |
| #J-<br>nal (          | nhone # 415 942 02.                     | (P)                                |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             |                                                                            | ionsive                                                     | Perso                                   | Contaci                  | 4.                                                          |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           |                                          |                  |                                             | Address 3:                           |                                 |
| 15-1<br>Gua           |                                         | 非                                  | PO                                                          |           | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                             |                                                                            |                                                             |                                         | ob#                      | ب                                                           |                                                                    |                                              |                                                                                             |                                                                                   | 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3<br>0   |           | de Grace                                 | House            |                                             | Address 2:                           |                                 |
| 008<br>ard I          |                                         | r>                                 | more                                                        | 3414      | <u>۲</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mar                                                                         | A                                                                          | Cal                                                         | ation:                                  | ob Loc                   | 2.<br>J                                                     |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200      | Bay L     | OZ.                                      | 301-114          |                                             | Address I:                           |                                 |
| 5 (M<br>Bure<br>of 52 |                                         |                                    |                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                           |                                                                            | 082                                                         | me:                                     | ob Na                    | 1. J                                                        |                                                                    |                                              |                                                                                             |                                                                                   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ī        | でのない      | Section .                                | Neg (            |                                             | Client Name:                         | 1. C                            |
| ID)                   |                                         |                                    |                                                             | ,         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                             | •                                                                          | antion                                                      | Infam                                   | 140                      | Cak                                                         |                                                                    |                                              |                                                                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |           | •                                        | )III             | www.amalab.com                              | HERV-                                | Maili                           |

4. Comments:



AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

|               | Initials;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Time:                              | e: / / _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Via:Date:                 |                                | and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s | lo:                                                  | 3. Results Reported To:,              | 3. Resul                                                 |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------|----------------------------------------------------------|
|               | Takin be                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                    | gn:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N                         | By (Print):                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ed:/                                                 | <ol><li>Date/Time Analyzed:</li></ol> | 2. Date/                                                 |
| Pos<br>May    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sign                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DY BY FE                  | 06 @1030 via Frd Ex            | 1 16 all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | x: (custons)                                         | TORY STAFF ONLY  1. Date/Time RCVD:.  | LABORATORY START ONLY: (CUSTODY)  1. Date/Time RCVD: 2-/ |
| ted_1/, 20    | an anti-the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second an | onsive                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | onsive                    |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Trap                                                 | 13 V                                  | 20061208CADI                                             |
| to N<br>18    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ς.                                                   | 12                                    |                                                          |
| IGB           | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Trdo                                                 | =                                     |                                                          |
| <u>F</u>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11/13                                                | 91                                    |                                                          |
| IAR           | Contact: BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ¥                                                    | 5,6                                   | 2006-1208CAD1 64                                         |
| Read          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | £ 1/1/2                                              | 08                                    | 0                                                        |
| ding          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Less                                                 | 2                                     | 0                                                        |
| Rio           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4                                                    |                                       | 1                                                        |
| om.           | Contact: by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1821                                                 | -                                     | 2006-1208CAD   05                                        |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | Fluor                                 | 40                                                       |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | 03<br><b>V</b>                        | c                                                        |
| -             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | _                                     | 0                                                        |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date inite.                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | }                         | -                              | h×. h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12 18                                                | Floor                                 | 20661208CADI 0                                           |
|               | Contact: By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time                          | (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                         | 7                              | (LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IDENTIFICATION DALE                                  |                                       | NUMBER                                                   |
| BES           | (LABORATORY STAFF ONLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TAPE (LABOR)                       | BULK<br>DUST<br>WATER<br>AND<br>WATER<br>AND<br>WATER<br>OTHER<br>TRAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EAD MOLI                  | EM                             | VOLUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ¥ A                                                  | SAMPLE                                | CLIENTID                                                 |
| ST A          | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ALYSIS o                  | AN                             | r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (QTY)                                                | 2                                     | Other (specify                                           |
| AVA           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Louisace Labe                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (TEM Water samplesC)      | TEM Water sample               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                                                    | 1 1                                   | Grav. Reduction ELAP 198.1                               |
| G (           | (QTY) Differ (Specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                    | less otherwise noted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | wed in good condition uni | An II camples may              | ה                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                       | L) EPA Point Count                                       |
| BLI           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L Spore-Trap (QTY) L               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (ALA)                     | G EPA 100.1                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY)                                                |                                       | EPA 600 - Visual Estimate                                |
| EC            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Mold - Direct Microscopic Analysis | (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | .   (213)                 | O er an voe 2/50a.             | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (212)                                                | )                                     | ☐ Other (specify                                         |
| OR<br>OR      | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ☐ Dust Wipe Furnace (Wipe type     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           | TEM Water                      | IEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                      | (QTY)                                 | U NIOSH 7402                                             |
| OTY<br>V      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Waste Water (QTY)                  | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | st D6480-99               | ☐ Quan. (s/area)Dust D6480-99. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | (QTY)                                 | L AHERA                                                  |
|               | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ng Water                           | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | cwim D5755-95             | Ouan («/area) Vacuum D5755-95  | <i>(</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | in a 25mm 37mm                                       | in a 25m                              | TEM Air - Please Indicate Hiter Type: in a 250 in a 250  |
|               | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LI TCLP (QTY)                      | OTV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           | Dust                           | TEM Dust                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      | (QTY)                                 | ☐ Fiberglass                                             |
| F             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QTY                      | Residual Ash                   | 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3                                                    | (QTY)                                 | NIOSH 7400                                               |
| Ol            | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (wipe ty                           | ~ ;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           | O NY State PLM/TEM             | m. (1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Toman                                                | ie Filter Type:                       | PCM Ajr Please Indicate Filter Type:                     |
|               | <b>.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Li Paint Chip (QTY)                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (ALO) Print               | Bulk<br>Bulk                   | TEM Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                       | Asbestos Analysis                                        |
| i<br>equ      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Copy:                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | @ fax #                   | Ору:                           | ☐ Fax Copy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | @ cell #                                             | 1                                     | ☐ Verbals:                                               |
| ested<br>ised | Late-Night* (*must be pre-scheduled)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4hr After-Hours*                   | 1030_   Immed. 1224br   48hr   72hr   5 Day +   Immed. After-Hours*   12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ]48hr                     | immod. 🕱 24hr 🗆                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CER WIN TESTING                                      | field data she                        | Date & Time Results Required:                            |
| l R           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N                                  | soon as technically feas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | lts will be provided as   | ormation (Resu                 | ĺ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | l ax                                                 | 170 0000                              | 5. Phone # 410                                           |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Signature;                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5. Submitted by:          | 4520                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 ~ 7 C Eav #                                        | 7 27                                  | Address 3:                                               |
| ona           | 410 942 0273 x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | @ phone # 4                        | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |                           |                                | 21018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MO                                                   | s on pure                             | 3. Address 2: Have                                       |
| l Gı          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ` [                                | Children , X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Job Location:             |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bay Line                                             | PIO H1-108                            | Address I:                                               |
| Jard          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cado Armary                        | 20 1 1 7 T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Job Name: C               |                                | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Porta                                                | 1                                     | l. Client Name: N                                        |
| Bu            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Submittal Information:    |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | nation:                               | www.anterno.com<br>Wailing/Billing Information:          |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                | 9-2643                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | · (800) 345-09                        | (301) 459-2640                                           |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           | 1                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100                                                  | And the property of the last          | 1410 x 21000 1                                           |

| The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon | (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | 4475 Forbes Blvd. • Lanham, MD 20706 | AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) | AMA Analytical Services, Inc. |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | CHAIN OF COSTOLI                     | CITATAL DE CITATION                              |                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      |                                      | Number For Inquires)                             | (Please Refer To This         |  |

### AMA Analytical Services, Inc. A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

Address: Clicat 301-IH Old Bay Lane, Attn: NGB-AVN-SL Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau

Job Vame: Job Location:

P.O. Number: Job Number:

Baltimore, MD Cade Armory

Cade IFR

Date Submitted: Chain Of Custody:

12/11/2006

150776

12/11/2006

Report Date:

11-Dec-06

Summary of Atomic Absorption Analysis for Lead

Not Provided

Not Provided

Date Analyzed: Person Submitting:

Page 2 of 2

Air Volume Area Wiped

> Reporting Limit

> > Final Result

Comments

AMA Sample

Client Sample

Analysis Type

Sample Type

Number

Attention:

Number

0718611

20061208CADI 22 20061208CADI 21

Flame

\*\*\*\* \*\*\*

> X A Z

12.00 12.00

Ş

뚪

٨

띯 썙

12 12

See QC Summary for analytical results of quality control samples associated with these samples.

Wipe Blank

Wipe Blank

Flame

Analysis Method For Furnace: Air, Wipes, Paints, and Soit/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

%Pb = percent lead by weight N/A = Not Applicable Note: All samples were received in good condition unless otherwise noted mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug ≃ micrograms ug/L = parts per billion (ppb)

Air and Wipe results are not corrected for any blank results should not be considered when interpreting the result Note: Alt results have two significant digits. Any additional digits shown

Analys

Technical Manager:

This report applies only to the samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratogy of this report is submitted and excepted for the exchasive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorizations. Sample types, locations and collection protectos are based upon the information provided by the persons submitting them and, unless collected by persons elicity matter without prior written authorizations. Sample types, locations and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines; unless otherwise requested by the clients. NVLAP accreditation applies only to polarized light microscopy of bulk camples and transmission electron microscopy of AFRA air camples. This remore must not be used to date and for any increase and completeness.

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

All rights reserved. AMA Analytical Services, Inc.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AlHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory NVLAP, NIST, or any agency of the Federal Government.

BEST AVAILABLE COPY

Requested Record #J-15-0085 (M.)
Released by National Guard Bureau
Page 922 - 757 FOIA Requested Record #J-15-0085

0718592 071859

20061208CADI 02

2006]208CADI 01

0718593

0718598

20061208CADI 08

Flame Flame Flanc Flame

Wipe Wipe Wipe Wipe

20061208CAD1 09

20061208CADI 06

20061208CADI 05 20061208CADI 04 20061208CADI 03

> Flame Flame Flame

Wipe Wipe Wipe

0.111 0.111 0.111 0.111 0.111 0.111

108.01 108.01 108.01 108.01 10,801 108.01

ug/ft²

ug/ft² ug/ft²

۸

110 130 130

rll/gu

the.

砂井

200 Ξ

ug/gu

ug/ft²

20061208CADI 07

0718597 0718596 0718595 0718594

0718600 0718599

20061208CADI 10

Flame

\*\*\*\* \* \*\*\* \* \*\*\* \* \* \* \* \* \* \*\*\* : \*\*\*

108.01

ug/ft²

108.01 108.01

ng/ft² ug/ft²

016

₩/f²( ug/ft²

30

108.01

ug/ft²

510

ug/ft÷

Flame

0718602 0718601

20061208CADI 12 20061208CADI 11

Flame Flame

Wipe Wipe Wipe Wipe

\* \* \* \*\*\*

> 0.111 111.0 0.111 0.111 0.11

0.11

108.01 108.01

սջ/ճ²

800

ug/ft²

上で

ug/ft²

AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting Limit

Final Result

Comments

E

Attention:

Number

# Analytical Services, inc.

 $\widehat{\varphi}$ 

Trap wall.

rear with

 $c_{v}$ 

Special Kyer Look

A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS



Client

Address

301-III Old Bay Lane, Attn: NGB-AVN-SI State Military Reservation National Guard Burcau Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Name: Job Number: Not Provided Not Provided Baltimore, MD Cade Armory Cade IFR Date Submitted: Chain Of Custody: Date Analyzed: Person Submitting: 12/11/2006 150776 12/11/2006

Report Date:

11-Dec-06

Requested Record #J-15-0085 (N)
Released by National Guard Bure
Page 934 of 5269

Page 1 of 2

Summary of Atomic Absorption Analysis for Lead

FOIA Requested Record #J-15 0085

BEST AVAILABLE COPY

6718603 20061208CAD113 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 390 ug/ft² (20061208CAD114 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 390 ug/ft² (20061208CAD115 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 190 ug/ft² (20061208CAD115 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 190 ug/ft² (20061208CAD116 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD117 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 17 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 18 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 18 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 18 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 19 Ug/ft² 20061208CAD1 19 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 20 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061208CAD1 ug/ft² 20061 NVLAP, NIST, or any agency of the Federal Government. applies only to polarized light microscopy of bulk samples and transmission electron liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643

An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Bivd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jacob   Jaco   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Time:      | Sign:                  | Date:                              | By (Print):Via:                             | @                 |               | Date/Time Analyzed:/_     Results Reported To: | 2. Date/Time /<br>3. Results Rep<br>4. Comments |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------|------------------------------------|---------------------------------------------|-------------------|---------------|------------------------------------------------|-------------------------------------------------|
| AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM 37mm  AM  | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | OH:        | a<br>!                 | By (Phni):                         | Yia:                                        | <b>)</b>          |               | ne RCVD://                                     | 1. Date/Tir                                     |
| am 37mm  TY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  INFORMATION  DATE ATTERS  FIGATION  LQL  LQL  LQL  LLQL  LQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL  LLQL   | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                        | ı                                  |                                             |                   | <b>9</b><br>, | AFF ONLY: (CUSTODY                             | LABORATORY ST                                   |
| am 37mm  mm 37mm  mm 37mm  mm 37mm  mm 37mm  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                        | V  =  V                            |                                             | Y                 | ₹             |                                                | ZOUGIODECADI 13                                 |
| am 37mm  TY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (Q | a sheets with results  @ cell #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                        |                                    |                                             |                   |               |                                                |                                                 |
| am 37mm  TY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (Q | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | T          |                        |                                    |                                             |                   |               |                                                | 91                                              |
| am 37mm TY)  TY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY) | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ۵          |                        |                                    |                                             |                   |               |                                                | 20061208CAD164                                  |
| am 37mm  TY)  mm 37mm  mm 37mm  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY) | a sheets with results    Pet   Pet   Pet   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet     Corry   Pet | T          |                        |                                    |                                             |                   |               |                                                |                                                 |
| am 37mm TY) ) mm 37mm mm 37mm  mm 37mm  mm 37mm  (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                        |                                    |                                             |                   |               | <b>&amp;</b>                                   | - 1                                             |
| am 37mm TY) ) am 37mm  (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) DATE (LITERS)  FIGATION  IZ 16:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | a sheets with results  @ cell #   @ cell #   25mm 37mm (QTY) TY) TY) Pe: 25mm 37mm (QTY) (QTY) (QTY) (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  LE INFORMATION VOLUME NITHICATION DATE (LITERS)  (CTERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ÿΓ         |                        |                                    |                                             |                   |               | 1201                                           |                                                 |
| am 37mm TY)  mm 37mm  mm 37mm  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                        |                                    |                                             |                   |               | 1000                                           | 3                                               |
| am 37mm TY) ) am 37mm  am 37mm  (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) DATE (LITERS)  (LITERS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |                        |                                    |                                             | Service April 198 |               |                                                | n                                               |
| am 37mm TY) ) nm 37mm mm 37mm  TY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY) (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Date/Time: | X                      | X                                  |                                             | _                 | 21,000        | Floor                                          | 20661208CAD1 0                                  |
| am 37mm  TY)  mm 37mm  TY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ### Sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            | DUST MATRIX WATER TAPE | MOLD                               | _                                           |                   |               | E INFORMATIO<br>ELOCATION<br>TIFICATION        | CLIENT ID                                       |
| am 37mm TY)  mm 37mm  mm 37mm  (QTY)  (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ### sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ta         | se noted.              | in good condition unle             | 1 samples received 1 Water samples          | CTEM              | SER.          | (ALD)                                          | Other (specify                                  |
| am 37mm<br>TY)<br>)<br>mm 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | လှည်း နို  |                        | (QTY)                              | AP 198.2/EPA 100                            |                   | 5             | (ALD)                                          | EPA 600 - Visual E EPA Point Count              |
| am 37mm<br>TY)<br>)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u> </u>   | £                      | (QTY)                              | ual. (pres/abs)                             | . LEM Wate        | SLLS          |                                                | Other (specify                                  |
| am 37mm<br>TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Van        | 13)                    | 5-95                               | ıan. (s/area) Vacuuı<br>ıan. (s/area)Dust D | 8 5<br>0 0        |               | ₹ \$                                           | D AHERA                                         |
| am 37mm<br>TY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | a sheets with results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ع ا        | 000                    | ıum/Dust                           | I<br>ial. (pres/abs) Vacu                   | ROD SACT WAT      |               | _                                              | EM Air - Please Indicate                        |
| am 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | a sheets with results Reporting the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the  | 2          | □ Air                  | (QTY)                              | sidual Ash                                  | □ Re              |               | (VIV)                                          | NIOSH 7400                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a sheets, with results Reporting 1 / / / @                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 皮통         | ) Li Paint (Dust)      | Id(QTY)                            | AP 198.4/Chatfiel  ( State PLM/TEM.         |                   |               | Filter Type:<br>in a 25mm 37mm                 | CM Air - Please Indicate PC MCE Porosity        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | a sheets with results Reportin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | Lead Analys            |                                    | en :                                        | TEM Bulk          |               |                                                | sbestos Analysis                                |
| 410 942 0273 x 25 Fax # 416 "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                        | <ol> <li>Contact Person</li> </ol> | 4                                           |                   |               |                                                | : 1                                             |
| 410 942 0273 ×25 Fax # 416 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | .†÷        |                        | Job #                              | U)                                          |                   |               | On Grand                                       |                                                 |
| Have, Or Gray MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Have, Or Gray MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | [ ]        | MD MD                  | Job Location:                      | 2                                           |                   | ۱ ۲           | ON R                                           | . Chent Name:                                   |
| 501-14 01 Bay Line<br>Have Of Grad MD 21078<br>0 942 0273 ×25 Fax# 416 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | How: Or Gray MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            | m _                    | Submittal Informati                | <b>-</b> 50                                 |                   |               |                                                | (ailing/Billing Inform                          |
| ng Information:  301-14 018 Bay Line  Have: Or Grace MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Crau MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                        |                                    |                                             |                   |               | 1                                              | www.amalab.com                                  |



AMA Analytical Services, Inc.

AJHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

| als:                    | Initials:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8                                                                                    | Time:          |               |                                | Š          |           | Date       |                |                  | ¥īa:_            |                                                                                   |              |              |          |               |                | To:                                     | 3. Results Reported To: | 3. Results Rep | 3. 1                                                      |            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------|---------------|--------------------------------|------------|-----------|------------|----------------|------------------|------------------|-----------------------------------------------------------------------------------|--------------|--------------|----------|---------------|----------------|-----------------------------------------|-------------------------|----------------|-----------------------------------------------------------|------------|
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                | an:           | _ Sign:                        |            |           |            |                |                  | ĺ                | By (Print):                                                                       | B            | 8            |          |               | Ì              | 20 T                                    | 2. Date/Time Analyzed:  | Yate/Tum       | 2.1                                                       |            |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sign:                                                                                |                |               |                                |            |           | ï          | By (Pant):     | B                |                  |                                                                                   | Ň            |              | <b>®</b> | i<br>         |                |                                         | 1. Date/Time RCVD:      | are/Tim        | 1.1                                                       |            |
| Po<br>Ma                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            |           |            |                |                  |                  |                                                                                   |              |              |          |               | 2              | Y: (CUSTO                               | II ON                   | RY STA         | LABORATORY STAFF ONLY: (CUSTODY)                          | ا ہ        |
| sted<br>y, 20           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            |           |            |                |                  |                  |                                                                                   |              |              |          |               |                |                                         |                         |                |                                                           |            |
| to N0                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            |           |            |                |                  | 1.               |                                                                                   | +            |              |          |               | +              |                                         |                         |                |                                                           |            |
| GB F                    | THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TW |                                                                                      |                |               |                                | (4)<br>(4) |           |            |                |                  | 9<br>0<br>0<br>0 |                                                                                   | 2            |              |          | 1             | 1              |                                         |                         |                |                                                           | Т          |
| BA<br>OFA               | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date/Time:                                                                           | 100            |               | 133<br>134<br>135              |            |           |            |                | <                |                  |                                                                                   | 4-5          | 1            |          |               |                | 2 7                                     | SLANK                   | 101 22         | 2006/108CAD1                                              | 22         |
| Rea                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                | 1          |           |            |                | -                |                  |                                                                                   | F            |              |          |               | <del> </del>   | 27                                      | BLANK                   | 21             |                                                           |            |
| dinç                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            |           |            | 100            |                  |                  |                                                                                   |              | $\Psi$       |          | \$ 15 July 10 | 1.4            | Stace Loom                              | Stare                   | B              |                                                           | П          |
| Roc                     | Commen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                | H             | H                              | ŀ          |           |            |                |                  |                  |                                                                                   |              |              |          |               |                |                                         | V                       | ı              | CALCIONAL BOART                                           | 1          |
| S<br>Sm                 | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date/Time:                                                                           |                |               |                                |            |           |            |                |                  |                  |                                                                                   |              |              | 12       |               |                |                                         | - 3                     | -              | 20000                                                     | 3          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            | _         |            |                |                  |                  |                                                                                   |              | +            |          |               |                | C trace coom                            | J. 1                    | ة ت            |                                                           | T          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                | 1             |                                |            |           |            |                | 3                |                  |                                                                                   |              |              |          |               |                | Rocci                                   | Σ.<br>Ξ.                | 5 2            |                                                           | T          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            | _         |            |                |                  |                  |                                                                                   |              | _            |          |               |                | - 1                                     | <                       |                |                                                           | j          |
| Bv:                     | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date/Time:                                                                           |                |               | <u> </u>                       | Δ          | 7         |            |                | X                |                  |                                                                                   | *            | 4,244        |          | <b>3</b> 0    | श्च            | Rec                                     | ויישבוו                 | שו ויין        | 20061208CAD1 14                                           | 6          |
| BES                     | CLIENT CONTACT<br>(LABORATORY STAFF ONLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (LAB)                                                                                | SWAB           | SPORE<br>TRAP | WATER<br>AND<br>OTHER<br>SPORE | DUST       | BULK      | AIR        | MOLD           | LEAD             | PCM PLM S        |                                                                                   | TEM          | WIPE<br>AREA | VOLUME   |               | DATE           | SAMPLE LOCATION  SAMPLE LOCATION  DATE: | SAMPI<br>SAMPI<br>IDEN  |                | CLIENT ID                                                 |            |
| •                       | TO MILEON CONTROL IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                      |                |               | F                              | MAT        | - 1       |            | - 1            | Sic              | VATA             |                                                                                   |              |              |          | _             | (013)          | )                                       | TO CASE                 |                | ☐ Other (specify                                          |            |
| VAIL                    | (QTY) 🗀 Other (Specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      | Surface Tape   | o.            | noted.                         | wise no    | ss other  | on under   | condition )    | n good o         | des              | ☐ All samples received in good condition unless otherwise (TEM Water samples°C)   | All san      | <u>a</u> c   |          | ,             | QT3            | (21.0)                                  | 1.861 dV                | ction EL.      |                                                           |            |
|                         | O Surface Vacu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                                                                    | ☐ Surface Swab | <b>.</b> .    |                                |            |           |            | KIL            | 12               |                  | 7.7                                                                               | G Era 100.1  | 7            |          |               |                | _                                       |                         | Count          | BPA Point Count                                           |            |
|                         | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | oscopi                                                                               | Direct         | No.           |                                |            | ن         | - (QTY)    | \$             |                  | PA 100.          | TELAP 198.2/EPA 100.2                                                             | ELAP         | 30           |          |               | (YTQ)          | (1)                                     | stimate                 | Visual Es      | CLIVI BUIS  EPA 600 – Visual Estimate                     | 7          |
| (Q1X)                   | /pe)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Libust wipe Furnace (wipe type                                                       | A ISBC! F      | ſ             |                                |            |           | Ų.         | QTX            |                  | Ĭ                | <u>Cwaici</u><br>□ Qual. (pres/abs).                                              | Qual. ()     |              |          | Ţ             | (QTY)          |                                         |                         | ify            | Other (specify                                            | ğ          |
|                         | (YTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Water                                                                                | Waste Water    | 3 C           |                                |            | QTY)      |            |                | 480-99           | Just D6          | Quan. (s/area)Dust D6480-99                                                       | Quan. (      |              |          |               |                | -(QTY)                                  | ()<br>()<br>()          | 25             | U NIOSH 7402                                              |            |
|                         | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ter                                                                                  | Drinking Water |               |                                | QTY        | )<br>(S   |            | -95            | 1D5755           | Vacuum           | Quan. (s/area) Vacuum D5755-95                                                    | Quan. (      |              |          |               |                | in a 25mm 37mm                          | in a 2                  | rosity         | PC MCE Porosity                                           |            |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | í j                                                                                  | J Soil/Solid   | o c           |                                | _          | (ALO)     |            | •              | m/Dust           | ) Vacuu          | <u>l Dust</u><br>□ Oual. (pres/abs) Vacuum/Dust                                   | Onal (       | TEM Dust     |          |               |                | 8 5                                     | Filter Type:            | Indicate !     | TEM Air – Please Indicate Filter Type:                    | Ħ          |
| FC                      | ļ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ĸ                                                                                    | O Air          | 10            |                                |            |           |            | (QTY)          |                  |                  | al Asb_                                                                           | Residual Ash | 0            |          |               |                | 3                                       |                         | 00             | NIOSH 7400                                                |            |
| (QTA                    | Christ 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (wipe typ                                                                            | Dust W         | <b>18</b> 11  |                                |            |           | 93         |                | li               | TEM              | NY State PLM/TEM                                                                  | NY Sta       | 01           |          |               |                | in a 25mm 37mm                          | in a 2                  | rosity         | PC MCE Porosity                                           | Ė          |
| Req<br>Rele             | THY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ŧ.                                                                                   | Lead Analysis  | Lead          |                                |            |           | ()<br>()   |                |                  | haffield.        | (Bulk                                                                             | H AP         |              |          |               |                | Ď.                                      | Filter Tyn              | Indicate I     | Asbestos Analysis  PCM Air - Please Indicate Filter Type: | <u> </u>   |
| ころを入るしか                 | syme @ us                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Copy. Ke                                                                             | Email          | 9             |                                |            |           | *          | @ fax#         |                  |                  |                                                                                   | χįς.         | d Fax Copy:  |          |               |                | @ cell #                                |                         |                | Uverbals:                                                 | 9          |
| be pre-schediled)       | ate-Night* (*must l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _ limind. 224in   48in   72in   S Day + limind. After-Hours*   24in After-Hours*   L |                | Serio .       | fter-H                         | nind A     | 다<br>다    | S Day      | 耳馬             | 四 四              |                  | X24hr                                                                             | pond         |              |          | ®             |                |                                         | quired:_                | sults Rec      | Date & Time Results Required:                             | ğ          |
| Rec<br>y Na             | Rect<br>y Na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                      | 7.5            | feasib        | ically                         | s techn    | Soon a    | 8          | provid         |                  | sufts w          | Reporting Information (Results will be provided as soon as technically feasible): | Total i      | g Infe       | eporta   | 3/4/21        | esuits         | sheets with r                           | eld data                | COC/fi         | ☐ Please include COC/field data sheets with results       | <u>р</u> : |
| ord<br>tion             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Non-R                                                                                | S              |               |                                |            |           | by:        | Submitted by:  |                  | ا<br>ب           | 45                                                                                | 0254         | 942          | 416 4    | Fax #. '      |                | 0273 × 25                               | 942 02                  | - 1            | Phone # 410                                               | у.         |
| 0273#x#8                | 410 942 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (a)                                                                                  |                |               |                                |            |           | 130<br>130 | Contact Person |                  | 4.               |                                                                                   |              |              |          |               |                |                                         |                         |                | Address 3:                                                | 4          |
| Gua                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T                                                                                    | P.O. #         |               | ,                              |            |           | 1          | *              |                  | ļ.               |                                                                                   |              | ,            | 38       | 21078         | MY             | L.                                      | å                       | Hayre          | Address 2:                                                | (u)        |
| rd ₿                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | e Armory                                                                             | Cade           | 4             | Z<br>U                         | 30.5       | Baltimore | ř          | Job Location:  | Job              | i                |                                                                                   |              |              |          | 1 1           | كغمر           | Bay                                     |                         | 3              | Address 1:                                                | : دا       |
| i (MI<br>Jurea<br>f 526 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               | 12                             | ص<br>الم   | D E       | CD         | Job Name:      | 1. Job Name: CAD | <u>-</u> -       |                                                                                   |              |              |          | Ī             | <del>j</del> e | Region Vorta                            | ලිනු<br>කුලුබ           | Normanio       | Mambg/Blimg information:                                  | - Ma       |
| au                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |                |               |                                |            |           |            | ~1 Twe.        | Lunit            | ę.               |                                                                                   |              |              |          |               |                |                                         | T.                      | lab.com        | www.amalab.com                                            | <i>;</i>   |





A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-0089 (MD)
Released by National Guard Bureau Page 937 of 5269

AMA Sample 0718597 0718596 0718595 0718593 Number 0718598 071859 Client: 0718602 0718601 0718600 0718599 0718594 0718592 Attention: Address: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation Havre de Grace, Maryland 21078 National Guard Bureau 20061208CADI 10 20061208CADI 12 20061208CADI 11 20061208CADI 09 20061208CADI 07 20061208CADI 06 20061208CADI 03 20061208CADI 02 20061208CADI 01 20061208CADI 08 20061208CADI 05 20061208CADI 04 Client Sample Number Analysis Type Flame Flame Flame Flame Flame Flame Flame Flame Fiame Flame Flame Sample Type Summary of Atomic Absorption Analysis for Lead P.O. Number: Job Number: Job Location: Job Name: Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe Air Volume Not Provided Baltimore, MD Cade Armory Not Provided Cade IFR \*\*\* \*\*\* \*\*\* \* \*\*\* \* \* \* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\*\* Area Wiped 0.111 0.111 0.111 0.11 0,111 0.111 0.111 0.111 0.111 0.111 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 108.01 Reporting Limit ug/ft² ug/ft² ±9/gu Date Submitted: ug/ft² ug/ft² Date Analyzed: Person Submitting Chain Of Custody: ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ٨ Final Result 1000 910 120 110 510 130 110 110 200 110 130 130 150776 12/11/2006 12/11/2006 ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug/ft² ug∕ft³ ug/ft² ng/ft² Report Date: Comments 11-Dec-06 Page I of 2

BEST AVAILABLE COPY

10718603 20061208CADI 13 Flame Wipe \*\*\*\* 0.111 108.01 ug/ft² < 110 ug/ft² < 10718604 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 110 ug/ft² < 11 applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NYLAP, NIST, or any agency of the Federal Government. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation

BEST AVAILABLE COPY

# and anothic Series, he



A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

Requested Record #J-15-0085(MD) Released by National Guard Bureau Page 938 of 5269

Address: Clent Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lanc, Attn: NGB-AVN-SI, National Guard Bureau Job Location: Job Number: Job Name: Baltimore, MD Cade Armory Cade IFR Not Provided Date Submitted: Chain Of Custody: Person Submitting: 12/11/2006

P.O. Number:

Not Provided

Date Analyzed:

12/11/2006

Report Date:

11-Dec-06

FOIA Requested Record #J-15

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

| AMA Sample Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments  Number Number (L) (ft) Limit |               |     |             |                  |                   | 11 | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|-----|-------------|------------------|-------------------|----|------------------------------------------|
|                                                                                                                                        | Client Sample | уpе | Sample Type | Area Wiped (ft²) | eporting<br>Limit | 2  | Comments                                 |

اج

Attention:

N/A = Not ApplicableAnalysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-3111B 0718611 0718612 20061208CADI 22 20061208CADI 21 mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) Flame Flame Wipe Blank Wipe Blank \*\*\* \*\*\*\* N/A associated with these samples. See QC Summary for analytical results of quality control samples 12.00 ŝ ٨ 12 12

**BEST AVAILABLE** Note: All samples were received in good condition unless otherwise noted %Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results



Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laborations are the public and these Laborations and the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and these Laborations are the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and public and public and public and public and public and public and public and public and public and public and public and public and public and public and public and public and p

BEST AVAILABLE COPY

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.



### AMA Analytical Services, Inc.



### QC Summary

Sample Delivery Group: 14134

Analysis Type:

Plante

Sample Type:

Wige

Analysis Detc:

12/11/2006

|                                   | Re      | sult  | Percent<br>Recovery | КРD     | Comment    |
|-----------------------------------|---------|-------|---------------------|---------|------------|
| Preparation Blank                 | -0.029  | ppin  |                     |         | Acceptable |
| Report Limit Verification Sample  | 0,3691  | ntqq  | 110.7%              |         | Acceptable |
| Expected Spike Level (ppm) 0.3333 |         |       |                     |         |            |
| Duplicate Sample 1                | #Nort   | mg/Kg |                     |         | •          |
| Duplicate Sample 2                | #Numl   | mg/Kg |                     | 91freor | #Error     |
| Matrix Spike Analysis             |         |       |                     | ·       |            |
| Spiked Sample                     |         |       | 82,89%              |         | Acceptable |
| Spike Duplicate                   |         |       |                     |         | Acceptable |
| Laboratory Control Sample t       | 266,009 | μg    | 91.93%              |         | Acceptable |
| Laboratory Control Sample 2       | 315.132 | μg    | 100,05%             | 8.47%   | Acceptable |

### Calibration Information

Correlation of Calibration Curve:

0.998086

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Client Sample Number Chain Of Custody AMA Sample Number

150776

18591

20061208CAD1 01

150776

18592

20061208CADI 02

SDG Number:

14134

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150776           | 18593             | 20061208CADL03       |
| 150776           | 18594             | 20061208CADL04       |
| 150776           | 18595             | 20061208CADI 05      |
| 150776           | 18596             | 20061208CADI 06      |
| 150776           | 18597             | 20061208CADL07       |
| 150776           | 18598             | 20061208CADI 08      |
| 150776           | 18599             | 20061208CADL09       |
| 150776           | 18600             | 20061208CADI 10      |
| 150776           | 18601             | 20061208CADI 11      |
| 150776           | 18602             | 20061208CADI 12      |
| 150776           | 18603             | 20061208CADI 13      |
| 150776           | 18604             | 20061208CADI 14      |
| 150776           | 18605             | 20061208CADE 15      |
| 150776           | 18606             | 20061208CADI 16      |
| 150776           | 18607             | 20061208CADI 17      |
| 150776           | 18608             | 20061208CADI 18      |
| 150776           | 18609             | 20061208CADI 19      |
| 150776           | 13610             | 20061208CADI 20      |
| 150776           | 18611             | 20061208CADF21       |
| 150776           | 18612             | 20061208CADI 22      |

SDG Number: 14134 Page 2 of 2

AMA Analytical Services, Inc.
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643
www.amalab.com

## CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

ドゥッション フランフラ

|              |                                        |                         |                                            | _               | ,            | 1    |       | 14             | -                                      | 1 320 |    | Tie-F-          |            | 1000 | ,                |                 | BEST                                                 | A\.               | /AIL                                                           | ABLI             |                                    |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               | ,                      |                                     | <u>.</u> .                             | 223                               | #STEPS OF                                                                 | 9 <u>244</u> 9 .        |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                    |   |
|--------------|----------------------------------------|-------------------------|--------------------------------------------|-----------------|--------------|------|-------|----------------|----------------------------------------|-------|----|-----------------|------------|------|------------------|-----------------|------------------------------------------------------|-------------------|----------------------------------------------------------------|------------------|------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|-------------------------------------|----------------------------------------|-----------------------------------|---------------------------------------------------------------------------|-------------------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------|---|
| 4. Comments: | <ol><li>Results Reported To:</li></ol> | 2. Date/Tim             | LABORATORY STAFF ONLY:  1. Date/Time RCVD: | 2006/208(AD1 13 | 12           |      | 4.5   | 20061208CAD189 | 80                                     | S 07  | 90 | 20061208CAD1 05 | 40         | O3   | 20               | 20561208CAD1 01 | CLIENT ID<br>NUMBER                                  | Other (specify    | ☐ NY State Friable<br>☐ Grav. Reduction ELAP 198.1             | DEPA Point Count | PLM Bulk                           | Other (specify |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PC MCE Porosityin a 25s       | TEM Air Diagra Indiana | ☐ NIOSH 7400                        | PCM Air - Please Indicate Filter Type: | A shoetos A nalveis               | Date & Time Results Required:_                                            | Please include COC      | Phone #. 410 | Address 3:   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Address 1: 30    | Mailing/Billing Information: 1. Client Name: N48 ( |   |
|              | eported To:                            | 2. Date/Time Analyzed:/ | FF ONLX: CUSTODY,                          | V Trap          | <            | Jego | 2,9/1 |                | 2.12                                   | 200   | 4  | Wall Loss       | Ficer      | <    |                  | Floor           | SAMPLE INFORMATION SAMPLE LOCATION IDENTIFICATION D/ | )                 | AP 198.1 (QTY)                                                 | (QTY)            |                                    | ) (2.1.)       | (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | in a 25mm 37mm                | (QTY)                  | (QTY)                               |                                        | @ cell #                          | equired: 12/12                                                            | ield data sheets with n | 942 0273 ×25 |              | De Grace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28 810           | nation:<br>FB Resion Vor Kn                        | • |
|              |                                        |                         | Ų                                          | <u> </u>        | -<br>ngs µmm |      |       |                | ************************************** |       |    |                 |            |      |                  | 1218            | DATE (LITERS)                                        | _(QTY)            | (QTY)                                                          | (211)            | OTV                                | _(QTY)         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                        |                                     |                                        |                                   | 1<br>(9)                                                                  |                         | Fax # 416 0  |              | MD 21078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7606             | ŧ<br>T                                             |   |
|              |                                        | @By (Print):_           | 106 @1030 via FodE                         |                 |              |      |       |                |                                        |       |    |                 | Yang, () P |      | Réun Y           | r,×ď,           | WIPE / M AN                                          | VIEW Water sample | All samples rece                                               | ☐ EPA 100.1      | ☐ ELAP 198.2/EPA 100.2             | TEM Water      | ☐ Quan. (s/area) Vacuum D5/55-95<br>☐ Quan. (s/area)Dust D6480-99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Qual. (pres/abs) Vacuum/Dust. | TEM Dust               | ☐ NY State PLM/TEM ☐ Residual Ash   | DELAP 198.4/Chatfield                  | LI Fax Copy:                      | _ □Immd. 🛛 24hr                                                           | ₽                       | 4520 246     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                                                    |   |
|              | Via:Date:                              |                         | By (Print)                                 | Sive.           |              |      | .,    |                |                                        |       |    |                 |            |      | -02-01- <b>-</b> | Χ               | ANALYSIS  PLM   AD   AIR                             | 28                | All samples received in good condition unless otherwise noted. | _(YT9)_          | (11)                               |                | ist D6480-99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Vacuum/Duşt                   |                        | (OTY) (OTY)                         | d                                      |                                   | □limmd. M24hr □48hr □72hr □5 Day + □Immd. After-Hours* □24hr After-Hours* | ults will be provided   | •            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2. Job Location: | Submittal Information:<br>1. Job Name: $C \cap D$  |   |
|              |                                        |                         |                                            |                 | 1. /         |      |       |                |                                        |       |    |                 |            |      | ABOUT TO         | X               | BULK<br>DUST MATRIX<br>WATER TANDIER                 |                   | inless otherwise noted.                                        |                  | (OTY)                              |                | (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (QTY)   (Q | (QTY)                         |                        | Š                                   | (QTY)                                  |                                   | Day + □Immd. Afte                                                         |                         | n-Resp       | 75           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ÷:               | nation:                                            |   |
|              | Time                                   | Sign:                   |                                            |                 |              |      |       | ם              |                                        |       |    | ۵               |            |      |                  | D               | SPORE TRAP TAPE SWAB                                 |                   | ☐ Surface Tape_                                                | ☐ Spore-Trap     | Mold - Direct M                    | ☐ Dust Wipe    | ☐ Waste Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | O TCLP                        | □ Soil/Solid           | Dust Wipe (wipe type_               | Lead Analysis  Paint Chip              | ≝ Email C                         | er-Hours* []24br A                                                        | technically feasible):  | Cigr         | F.O. #.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | てひ こんぶ           |                                                    |   |
|              | N                                      | on-                     | Sign.<br>Respon                            | sive            |              |      |       | Date/Time:     |                                        |       |    | Date/Time:      |            |      |                  | Date/Time:      | CLIE<br>(LABORĂ)                                     |                   |                                                                | (ALO)            | Mold - Direct Microscopic Analysis | ımace (wipe    | (O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (QTY)                         | (QTY)                  | : (wipe type <u>(たれゅうナ</u><br>(OTV) | (QTY)                                  | B Email Copy. Ken tors Anc @ 145. | ter-Homs* ∏Late-]                                                         | orgnature               | = # arrong # | nhono #      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Armary           |                                                    |   |
|              | Initials:                              |                         |                                            |                 |              |      |       | Contact:       | 7000                                   |       |    | Contact:        |            |      |                  | Contact:        | CLIENT CONTACT (LABORÄTORY STAFF ONLY)               | ,                 | (QTX) ☐ Surface Vacuum Dust, (QTX) ☐ Other (Specify)           | Bulk (QTY)       |                                    | )              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                        | ) 22 (                              | (QTY)                                  | きゅ ないない                           | Night* (*must be pro                                                      |                         | 104 04       | 100 010 VI   | A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA |                  |                                                    |   |
|              |                                        |                         | Po<br>Ma                                   | ster            | d to         | NG   |       | B<br>Y.<br>DIA | Rea                                    | adin  |    | B<br>Y:<br>oom  |            |      |                  | By:             | BEST                                                 | Γ <b>Α</b> V      |                                                                | ABLI             | E C                                | (2005)         | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               |                        | FOI                                 | A Red                                  | 3<br>ques<br>lease                | ∹scheduleel F<br>ed by                                                    | ≀ecc<br>Na              | ord /        | #U 1<br>al C | Gua                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | rd E             | 5 (MD)<br>Bureau                                   | J |

AMA Analytical Services, Inc. AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

### CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

150776

| 4. Comments:                          | 3. Results Reported To: | 1. Date/Time RCVD: 1.2 / 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 / 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: 1.2 Date/Time Analyzed: |       |        | 2006/108CADI 22 GLANIC   | 20 Share 100m | 1 8 1 2038021 9007      | 16 1000 | 1 14 1                  | Other (spenty)(\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times_{\times | EL.AP 198.1                                                                            | PLM Bulk  G EPA 600 - Visual Estimate (OTY)    |               | ☐ Fiberglass(QTY)  TEM Air - Please Indicate Filter Type:  BC MCE Proving in a 25mm 37mm | licate Filter                                                              | U Verbals: @ cell #.  Asbestos Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ☐ Please include COC/field data sheets with results  Date & Time Results Required:////                                                                           | 5. Phone #: 410 942 0273 x | Address 2: Haw: Ou Gr  | Address 1: 301-14 018 B: | www.amalab.com  Mailing/Billing Information:  1 Client Name: N&B Re 4:0 ~ 1 | * * |
|---------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------------------------|---------------|-------------------------|---------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------|---------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------|--------------------------|-----------------------------------------------------------------------------|-----|
| · · · · · · · · · · · · · · · · · · · |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |        | N<br>Z                   |               |                         |         | 1,44,4                  | VOLUME WIPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (QTY)                                                                                  | (QTY)                                          | (CLO)         | TEN                                                                                      |                                                                            | WEIL STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE | Reporting<br>@                                                                                                                                                   | x 25 Fax # 416 942 0254    | MD 21078               | x Lanc                   | Tork IH                                                                     |     |
| 《《《《································· | Via: Date:              | By (Pmil)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |        | V                        |               |                         |         | 100                     | TEM ANALYSIS PCM PLM LEAD MOLD AR BULK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ☐ All samples received in good condition unless otherwise noted. (TEM Water samples°C) | ☐ ELAP 198.2/EPA 100.2 (QTY) ☐ EBA 100.1 (QTY) | ist D6430-99_ | ) Vacuum/Du                                                                              | ☐ ELAP 198.4/Charfield (QTY) ☐ NY State PLM/TEM (QTY) ☐ Residual Ash (QTY) | @ tax                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Reporting Information (Results with be provided as soon as fermically reasible):  []Emmd: X24h- []48h: []72hr []8 Day + []Immd: After-Hours* []24hr After-Hours* | 5. Submitted by:           | 3. Job #:              | Job Location:            | Submittal Information:  1. Job Name: CAD E                                  |     |
|                                       | Піле                    | Sign                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |        |                          |               | Date                    |         |                         | DUST MATTRIX DUST MATTRIX STORE STORE STORE SWAB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | erwise noted. Surface Tape_                                                            | Mold - Direct Microscopic Analysis             | Y)            | 300                                                                                      | Paint Chip  WiDust Wipe (wipe type)  Air  (QI                              | Lead Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | as reconnectify reasoner:   Immd:Affect-Hours*                                                                                                                   | Signature                  | P.O. #.                | mere, MD Cade            | 1 F R                                                                       |     |
|                                       | Initials:               | Non-Respo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | osted | to NGE | Date/Time: Contact: By:C | eading R      | Date/Time: Contact: By: |         | Date/Time: Contact: By: | CLIENT CONTACT CARDONATORY STAFF ONLY) BE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | (QTY) © Other (Specify)                                                                | Bulk (QTY)                                     | (X)           | (QTY) (QTY)                                                                              | (QIY)<br>pe type (Circs+ ) 22 (QIY) A<br>(QIY) (A                          | NC @ 200, 81 172/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tours* □Late-Night* (*must be pre-sched                                                                                                                          |                            | minme # 410 942 0773 X | Acmary                   | (AAD)                                                                       |     |
|                                       |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 18     |                          |               |                         |         |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | VI (VI                                                                                 |                                                | CLLO          |                                                                                          | R                                                                          | leleas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ed By N                                                                                                                                                          | lation                     | ane o                  | and E                    | (MD)<br>Bureau                                                              |     |

Non-Responsive <sub>CIV NGB</sub>

Sent: Thursday, August 24, 2006 10:34 AM

To: Non-Responsive CIV

Subject: FW: Project completion - Cascade/ Ft. Ritchie Readiness Center, 13817 Ritchie Road,

Cascade, MD 21719

### Ion-Responsive

NGB Regional Industrial Hygienist Army National Guard ATTN: NGB-ARS-IHNE 301-IH Old Bay Lane Havre de Grace, MD 21078 410-942-0273 Ext 23 Cel FAX 410-942-0254

From Non-Responsive TC (RET) MDARNG

Sent: Wednesday, July 26, 2006 10:32 AM

CIV NGB To:N

Non-Responsive SPC MDARNG V MDARNG: Cc:

Subject: Project completion - Cascade/ Ft. Ritchle Readiness Center, 13817 Ritchie Road, Cascade, MD 21719

Pursuant to the project specification, the above referenced project has been completed. The person in charge of this project was LTCNon-Responsive and was completed by her and several ADWS solders.

The project was completed and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

on-Responsi

### NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

**NGB-ARS-IHNE** 

23 August 2006

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Fort Ritchie/Cascade Armory Indoor Firing Range

- 1. An email dated 26 July 2006 from the CFMO stated that the Fort Ritchie/Cascade Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility. The work was accomplished using ADSW workers as a "self help" project. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- 4. Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.





|           | •                                      | E                                     | BULK SAMPLI                                        | E DATA       | <del></del>        | ·                                                                           |
|-----------|----------------------------------------|---------------------------------------|----------------------------------------------------|--------------|--------------------|-----------------------------------------------------------------------------|
|           | For                                    | use of this form s                    | ee USAERA TG 14                                    | 1: the prope | nent is HSHB+)     | LO.                                                                         |
| Stak Mil  | Hary Reserva                           | . ,30/1# OLD/BAY                      | including Zip Co<br>LANE, AHN: NGB<br>Grace MD 210 | Aug. L. ST   | Non-Resp           | ict (name/AUTOVON) ONSIVE - 0273 EXT 18                                     |
| BAL       | Installation                           |                                       | Project Numb                                       |              | ARLOC              | - 02/3 EXT 10                                                               |
|           | Responsive                             | у                                     | Date Collecte                                      |              | Date Ship          | ped                                                                         |
| Rang      | - 11W1                                 | ted to a                              |                                                    |              | Location<br>CADE A | (BLDG/AREA)                                                                 |
|           | ted Complaint                          |                                       | ) (                                                |              |                    |                                                                             |
| Associa   | s XNo                                  | les                                   | if yes, list :                                     | sample nun   | nbers              |                                                                             |
| <b>T</b>  |                                        | <del></del>                           | Label Informa                                      | tion         |                    |                                                                             |
| Trade N   | ame                                    | N                                     | SN                                                 | Manu         | ifacturer          |                                                                             |
| Address   |                                        |                                       |                                                    | MSD          | S Attached         |                                                                             |
|           |                                        |                                       |                                                    |              | Yes                | ☐ No                                                                        |
| Lab Use   | Sample                                 |                                       | - Furnace                                          |              |                    |                                                                             |
| Only      | No.<br>BAC 092804                      | Constitu                              | ients                                              | Resui        |                    | Remarks                                                                     |
|           | 001<br>BAC 092804                      |                                       |                                                    |              | 15 Ch              | side wall                                                                   |
|           | 002                                    |                                       |                                                    |              | L 60 t             | Stiles from rt. w.d. ks from front exall                                    |
|           | 003                                    |                                       |                                                    | <u> </u>     | Floor              | center of rear                                                              |
|           | BAC012804<br>004                       | · · · · · · · · · · · · · · · · · · · |                                                    |              |                    | wall 9 acoustic                                                             |
|           | 005-                                   |                                       |                                                    | <del></del>  | LHS                | wall 7A from                                                                |
| Comment   | s to Lab                               |                                       |                                                    |              |                    | last accessic file before<br>ed on other side)                              |
|           |                                        |                                       | Lab Use Oni                                        | у            |                    |                                                                             |
| Analyst ( |                                        |                                       | By (initials)                                      | Date         | Received           | Date Reported                                                               |
| Procedur  | es Performed                           | """                                   | ments:                                             | DI E 000"    |                    |                                                                             |
| AEHA For  | -Pected to NCP FOLA<br>Masy-2018 Oct 8 |                                       | BEST AVAILA                                        | RFF CODA     |                    | ed Record #J-15-0085 (MD)<br>d by National Guard Bureau<br>Page 945 of 5269 |



| b Use<br>Only | Sample<br>No.      | Consiliuente | Results                                | Hemarks                                                                                                                           |
|---------------|--------------------|--------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <u>-</u>      | BACO92804          |              |                                        |                                                                                                                                   |
|               | 000                |              |                                        | CHS Wall 4ft from                                                                                                                 |
|               | 8AC 092804<br>007  |              |                                        | RK Wall 7P+ deaman                                                                                                                |
|               | BAC012804          | ·            | <u> </u>                               | RHS Wall 7Pt dawning of day 3ft high  PHS will fan mounting surface of the Room Hour  CHE corner to do ans Side of 1ft from floor |
| ·             | 800                |              |                                        | PHS will figh mounting                                                                                                            |
|               | BAC012804          | <del></del>  | <del></del>                            | Out a presence to door ews                                                                                                        |
|               | BAC 042864         | <del></del>  | <u> </u>                               | Side ~ Ift from foot                                                                                                              |
|               | 010                |              |                                        | Con wall It How<br>LHS Top high                                                                                                   |
|               | BACO92864          |              | ·                                      | 2#3 7#4 high                                                                                                                      |
|               | 011                | <u> </u>     |                                        | Room will center bother of invet ~46+ troinfear                                                                                   |
|               | 012                |              | ]                                      | Rea wall 3ft from<br>RHS 3ft from figur                                                                                           |
|               | BACOGEBOY          | <del></del>  | <del></del>                            | KHS 31-4 sm floor                                                                                                                 |
|               | 013<br>BAC 0928 64 |              |                                        | Ventilation horizontal                                                                                                            |
| _             | 014                |              | ·                                      | (Ceilinglished)                                                                                                                   |
|               | 64c072854          | <del></del>  | <del></del>                            | (ceitinglines)                                                                                                                    |
|               | 015 BAC091804      |              | <u> </u>                               | Above exit lighting overdoon interpretation                                                                                       |
| i             | 016                |              | <u> </u>                               | 1                                                                                                                                 |
| - $+$         | BACOGZEUT          | <del></del>  | <del></del>                            | Blown                                                                                                                             |
|               | DKOYLBOY:          |              | ĺ                                      | Stank<br>Stanton 10000 125                                                                                                        |
| ľ             | 018                |              |                                        | Blank                                                                                                                             |
|               | BAC092867          | <u></u>      | <del></del>                            | Blank                                                                                                                             |
|               | 019                |              |                                        | At entry way to range on floor with in NCD longe on floor                                                                         |
| - 1'          | 020                |              |                                        | Just to tele as you will                                                                                                          |
|               | <del></del>        | <del></del>  |                                        | in NOD longe ON GOOD                                                                                                              |
|               |                    |              |                                        | 1 1                                                                                                                               |
| ]             | j                  | <u>-</u>     | ··-                                    | <del> </del>                                                                                                                      |
| <del></del>   | <del></del>        | <del></del>  | <u></u>                                |                                                                                                                                   |
|               |                    |              |                                        |                                                                                                                                   |
| 1             |                    |              |                                        | <del></del>                                                                                                                       |
| <del></del> - |                    |              |                                        | <u>                                     </u>                                                                                      |
|               |                    | İ            | <del>-</del>                           |                                                                                                                                   |
|               |                    | <u> </u>     | <del>_</del>                           | <del>- </del>                                                                                                                     |
| <del>+</del>  |                    | <u></u>      |                                        | 1                                                                                                                                 |
|               | _                  |              |                                        |                                                                                                                                   |
|               |                    | <del></del>  | <del></del>                            | <b>-</b>                                                                                                                          |
| <del></del> - | ·—                 |              |                                        | [                                                                                                                                 |
|               |                    |              |                                        | -\                                                                                                                                |
| <del></del>   | <del></del>        | ·            |                                        |                                                                                                                                   |
|               |                    | 1            |                                        | ]                                                                                                                                 |
| <u> </u>      |                    |              | ······································ |                                                                                                                                   |
| <del></del>   | ·—· ·              |              |                                        | 1                                                                                                                                 |

FOIA Requested Record #J-15-0085 (MD)

Released by National Guard Bureau
Page 946 of 5269

स्ट्राप्ट्या वर्ष

Mailing/Billi Client Na **AMA Analytical Services, Inc.**AIHA (#8863) NVLAP (#1143) NY ELAP (10920)
4475 Forbes Blvd. - Lanham. MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.ai

### CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

130320

|                      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   | *                         |            |             |           |                |        |              |           |                                         | 4. Comments:       | 4.0                                            |            |
|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------|----------|----------|-----------------------------------------------------------------------------------|---------------------------|------------|-------------|-----------|----------------|--------|--------------|-----------|-----------------------------------------|--------------------|------------------------------------------------|------------|
|                      | , ,     | Initials:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |           |          |          |          | INC                                                                               |                           | Via: 1 = 3 | V           |           |                |        |              |           | <ol><li>Results Reported To:_</li></ol> | lesults Rej        | 3. K                                           |            |
|                      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Jon                   |           |          |          |          | JII-l                                                                             |                           |            | By (Print): | Ву        | <br> ®<br>     |        |              |           | <ol><li>Date/Time Analyzed: _</li></ol> | Date/Time          | 2. [                                           |            |
| Po<br>M              |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Signal Res            |           |          |          |          | resp(                                                                             | Ву (Ри                    |            | 6           | Viae      | B              | 12     | 7            |           | 1. Date/Time RCVD: (CUSTODY)            | 1. Date/Time RCVD: | BORATO                                         | ĘĄ         |
| ostec<br>ay, 2       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | oon                   |           |          |          |          | onsi                                                                              |                           |            | 7           |           |                |        |              |           |                                         | 013                | H08289 308                                     | 300        |
| to  <br>1018         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sive                  |           |          |          |          | VE                                                                                |                           |            |             |           |                |        |              |           |                                         | 210                | 62804                                          | 300        |
| NG                   |         | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 110                | BAC 597804                                     | 368        |
| 3 F¢                 | Į       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 010                | Bac 042804                                     | 800        |
| OIA                  | By:     | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date/Time:            |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 209                | BAC 092804                                     | 268        |
| Rea                  |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   |                           |            |             | 150848    |                |        |              |           |                                         | 800                | BAC 092864                                     | BAC        |
| din                  |         | **************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | N.        |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | ٥٥٦                | BOC 642804                                     | 80         |
| ΙRΦ                  |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 000                | 390 04580H                                     | 253        |
| om                   | Bv:     | Contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date/Time:            |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 200                | 801 092 804                                    | 88         |
|                      |         | ANDONOLI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |           |          |          |          |                                                                                   |                           |            |             | -         |                | _      |              |           |                                         | 505                | BOC 042864                                     | 300        |
|                      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 003                | BAC092804                                      | 3A8        |
|                      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        |              |           |                                         | 501                | 890042804                                      | 300        |
|                      | Bv:     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Date/Time:            |           | 11       |          |          |                                                                                   | <u>.</u>                  |            |             | , 7 × , T | ı              |        |              |           |                                         | 100                | BAC 092804                                     | BAC        |
| BE                   | -       | (LABORATORY STAFF GNLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       | OTHER     | WIPE     | BULK     | R AIR    | PLM LEAD OTHER                                                                    | M LE                      | PCM PI     | TEM P       |           | 1              |        | DATE         | CATION    | SAMPLE LOCATION                         | R                  | NUMBER                                         |            |
| ST                   | -0-     | CLIENT CONTACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \                     | WATER     | MATRIX   | MA       |          |                                                                                   | SISK                      | ANALYSIS   |             | WIDE      |                | IATION | NFORM        | NALYSIS 1 | SAMPLE ANALYSIS INFORMATION             |                    | CLIENT                                         |            |
| A۱                   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                     |           |          |          |          |                                                                                   |                           |            |             |           | 100            |        | QTY)         |           |                                         |                    | ☐ Other (specify,                              | r          |
| VAIL                 |         | 75 - W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (a)cont./             | 0         |          |          |          |                                                                                   | ر<br>12<br>12<br>13<br>14 | ع          | 7           | やいからかって   | 200            |        | (QT3)        | (4)       | 4 1                                     | uction ELA         | Grav. Reduction ELAP 198.1                     | 101        |
| ABI                  | 45      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (QIY)                 | L Radon   |          |          |          |                                                                                   | (Z11)                     |            |             | N AUG     | ſ              |        |              | QTS<br>S  | 100                                     | Count              | ☐ EPA Point Count                              |            |
| LE (                 |         | DELAP 198.2/EPA 100.2 (QTY) Miscellancous Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | s Analysis            | ellaneou  | Misc     |          | _        | YTQ)                                                                              | OTY.                      | 100.2      | 98.2/EP4    | ELAP 1    | 7.0            |        | .(QTY)       | i         |                                         | Visual Esti        | ☐ EPA 600 - Visual Estimate                    | 10         |
| CO[E                 |         | pc Skare ( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | wipe rumace (wipe tyl | Page 1    |          |          |          | ೮                                                                                 | <br>QT                    |            | res/abs)_   | Qual. (p  |                |        | .(QTY)       |           |                                         | cify               | ☐ Other (specify.                              | PLM Bulk   |
| Y                    | à.      | (QTY) 8, 20 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Water(                | Waste     |          |          | (XIX)    |                                                                                   | 99                        | st 106480  | s/area)Du   | J Quan. ( | TEM C          |        |              |           | (QTY)                                   | 102                | NIOSH 7402                                     | 10         |
|                      |         | _(QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ng Water              | Drinki    |          | <u>ي</u> | (QT)     |                                                                                   | 755-95_                   | cuum D5    | s/area) Va  | Quan.     | 7 <b>/</b> *** |        |              | 1 S/mm    | (QTY)                                   | prosity            | AHERA                                          | <u>П</u> ъ |
|                      |         | (11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (XIO)                 |           | dur.     |          | QTY)     |                                                                                   | ust                       | /acuum/E   | res/abs)    | Qual. (p  |                |        |              | 1         | ilter Type:                             | Indicate Fi        | TEM Air - Please Indicate Filter Type:         | TEM        |
| F                    |         | TAVA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (VID)                 | Air Air   | _ =      |          |          |                                                                                   | (XIX)                     |            | ıl Asb      | J Kesidu: | האר כ<br>האר כ |        |              | 5         | (QTX)                                   |                    | ☐ Fiberglass_                                  | CH.        |
| OIA                  | Z       | (Q'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Vipe (wipe type       | Dust V    | . –      |          | •        | (XID)                                                                             |                           | EM_        | te PLM/I    | NY Sta    | ן רי           |        |              | 57mm      | in a 25mm 37mm<br>(OTY)                 |                    | PC MCE Porosity_<br>NIOSH 7400                 |            |
| Re                   |         | (XTX)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Chip(Q                | D Paint ( |          |          |          | (VTV)                                                                             |                           | tfield     | 98.4/Cha    | ] ELAP 1  |                |        |              | •         | ilter Type:                             | Indicate Fi        | PCM Air - Please Indicate Filter Type:         | PCM        |
| equ<br>elea          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | рб :                  | f Analysi | Lear     |          |          |                                                                                   | .x                        |            |             | Bulk      | Mac            |        |              |           |                                         | Sis                | Asbestos Analysis                              | Asbe       |
| este                 |         | (a)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Copy                  | O Emai    | ٨        | 7 3      | 677      | * 30                                                                              | @ fa                      |            |             | ору       | 赵 Fax Copy     |        |              | @ cell#   |                                         |                    | U Verbals:                                     | □Ve        |
| id R                 | schedul | ate-Night* (*must be pre-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | r After-Hours* □L:    | * □24h    | -Hours   | nd. Afte |          | _<br>15 Day                                                                       | ]72hr                     | ]48hr [    | _]24hr [    | Immd.     | K              | K      | Mark Company | じば        | Tuired:                                 | esults Req         | Date & Time Results Required:                  | Date       |
| leco<br>Na           |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | righter               | hle):     | llv feas | echnica  | oon as t | Reporting Information (Results will be provided as soon as technically feasible): | e provi                   | lts will   | on (Resu    | ormati    | ting In        | -      |              | 1         | <b>5</b>                                |                    |                                                |            |
| ord#<br>tioh<br>P    |         | 35 1 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ionature.             | ,         |          |          |          | i hv.                                                                             | nhmitter                  | у.<br>Ж    |             |           |                | .      | Fax #        |           |                                         |                    | Phone #:                                       |            |
| #J-1<br>al (<br>age  | 200     | 201 200 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | # anada @             | 7.7       |          |          |          | ercon-                                                                            | ontact P                  | 4          |             |           |                |        |              |           |                                         | 1 1                | Address 3:                                     |            |
| 15-0<br>Gua<br>e 94  |         | 111111111111111111111111111111111111111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | #                     | 09        |          |          |          |                                                                                   | ъ#.                       | ှာ<br>၂    |             |           | 1076           | 216    | S            | Grace     | &                                       | すべい                | Address 2:                                     |            |
| 086<br>rd E<br>17 o  |         | The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon |                       |           | 2        | 2016     | ·        | ion:                                                                              | b Locat                   | ;2<br>     |             |           |                |        | Lan          | J 8-v     | P10 H1                                  | 301                | Address 1:_                                    |            |
| 6 (M<br>Bure<br>f 52 |         | part.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |           |          |          |          |                                                                                   | b Name                    | 1. J.      |             |           |                | 3000   | Guar.        | 44.00+1   | 7                                       | e: Drmy            | Client Name: かかり                               | 1.         |
| D)<br>au<br>69       |         | €/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |           |          |          | •        | formati.                                                                          | ittol Ka                  | C          |             |           |                |        |              |           | ion:                                    | alao.com           | www.amalab.com<br>Mailine/Billine Information: | Mail       |
|                      |         | 1/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |           |          |          |          |                                                                                   |                           |            |             |           |                |        | 1 7          |           |                                         | 4                  |                                                |            |

| ·        |                                          |                    | BULK SAMI                  |                                       |             |                                       |                                                                    | 7        |
|----------|------------------------------------------|--------------------|----------------------------|---------------------------------------|-------------|---------------------------------------|--------------------------------------------------------------------|----------|
|          |                                          | ise of this form s |                            |                                       | e propon    | ent is HSHB-L                         | ю.                                                                 |          |
| prononac | Address (con Guard Bureau                | SOLAH CILO BAY     | I AND AUN'S L              |                                       | I ST        |                                       | ct (name/AUTOVON)                                                  | 7        |
| Stak Mi  | litary Reservat                          | ion, Haure De      | Grace MD                   | 21078                                 |             | lon-Resi                              | - 0273 Ext 18                                                      |          |
| Sampie   | d Installation TIMORE (                  |                    | Project Nu                 |                                       |             | ARLOC                                 | OZIJ EVI IO                                                        | $\dashv$ |
|          | s Collected By                           |                    | Data Calla                 |                                       |             |                                       |                                                                    | _] .     |
| Non-F    | Responsive                               |                    | Date Collect               | nAd<br>nAd                            |             | Date Ship                             | ped                                                                | 1.       |
|          | tion of Operat                           | t .                | $1 - \eta < 0/\omega$      | 7                                     |             | Location                              | (BLDG/AREA)                                                        | -{       |
| Ranc     | ated Complaints                          | teb to 9           | 4m                         | <u> </u>                              |             | CADE AT                               |                                                                    |          |
|          | aroa complaint:                          | (be specific)      | ,                          |                                       |             |                                       |                                                                    | 7        |
| _        | ated Air Samp                            | 08                 | If yes, II                 | st sam                                | ole numb    | ers                                   |                                                                    | -        |
| Y 6      | s XNo                                    |                    |                            |                                       |             |                                       |                                                                    |          |
| Trade N  | lame                                     |                    | Label Infor                | mation                                |             |                                       |                                                                    | J        |
|          |                                          | "                  | ON                         |                                       | Manufa      | acturer                               |                                                                    |          |
| Address  | 9                                        |                    |                            |                                       | MSDS        | Attached                              |                                                                    | -        |
|          |                                          |                    |                            |                                       |             | Yes                                   | □ No                                                               |          |
| Analysis | s Desired                                |                    | T                          |                                       | <del></del> | ·· <u>·······</u>                     | · · · · · · · · · · · · · · · · · · ·                              | 1        |
| Lab Use  | 1 3                                      | d Wipes            | - turnac                   | e m                                   | ethod       | · · · · · · · · · · · · · · · · · · · |                                                                    |          |
| Only     | Sample<br>No.                            | Constitu           | ients                      |                                       | Results     |                                       | Remarks                                                            |          |
|          | BAC 092804<br>OOL                        |                    |                            |                                       | 2213        |                                       | Corner Front                                                       | 1        |
| <u> </u> | BAC 092804                               |                    |                            | /                                     | 230         | F bos                                 | Stiles from nt. was                                                | -        |
|          | 002<br>BAC092809                         |                    | 188                        |                                       | 36          | 20 41                                 | es from front exil                                                 | 1        |
| •        | 003                                      |                    |                            | 1 3                                   | 500         | Floor                                 | Center of rear                                                     | 7        |
|          | BAC012804<br>004                         |                    | ·······                    | <del></del>                           |             | LHS                                   | Wall Gacoustic                                                     | 1        |
|          | BAC092804                                |                    |                            | ļ                                     |             |                                       | um ft. wall 3ft from                                               | ricor    |
|          | 005                                      |                    |                            | 0                                     | 110         |                                       | wall 7ft from astacoustic file before                              | . (      |
| Comment  | ts to Lab                                |                    |                            |                                       |             |                                       | ed on other side)                                                  | 100.167  |
|          |                                          |                    |                            | · · · · · · · · · · · · · · · · · · · |             |                                       |                                                                    | _        |
| Analyst  | (initials)                               | Reviewed E         | Lab Use (<br>ly (initials) | Only                                  | Date F      | lecaived                              | Date Reported                                                      | -        |
| Procedur | es Performed                             | <u> </u>           |                            |                                       |             |                                       | Pare Nahortad                                                      |          |
|          |                                          | Com                | ments:                     |                                       |             |                                       |                                                                    |          |
| AEHA For | Posted to NGB FOI<br>rm May, 2018 Oct 84 | A Reading Room     | BEST A                     | VAILABLE                              | COPY        | 1 011 1 1 10 4                        | tod <del>Poserd #J 45 9985 (MD</del><br>ed by National Guard Burea | 7        |

Released by National Guard Bureau Page 948 of 5269

| Lab Use<br>Only | Sample<br>No.      | Constituents                          | Regults                                          | Remarks                                       |
|-----------------|--------------------|---------------------------------------|--------------------------------------------------|-----------------------------------------------|
| ···             | 84C092804<br>0CX6  | <u> </u>                              | <del>- </del>                                    |                                               |
|                 | BAC 092804         | <u> </u>                              | <u>43</u>                                        | LHS Way 4ft from Place COLLECT 2ft Room Place |
| ——_             | 007<br>BAC092864   |                                       | 340                                              | RHS Wall 7Ft down Ro<br>Thomas 3ft high       |
|                 | 2008               |                                       | 950                                              | PHS will fan mounting successed of from floor |
| ,               | BAK092804          |                                       |                                                  | RHS Owner to door RHS                         |
|                 | BAC092864          |                                       | 200                                              | _ Iside ~ Itt trom tool                       |
|                 | 010<br>BAC09 2804  |                                       | <u> </u>                                         | Rear wall I At How<br>LHS 7ft high            |
| )               | 011 1              |                                       | 9660                                             | Rear wall center bottom                       |
| 1               | 012                | ·                                     | <del></del>                                      | Rean wall 3ft from flow                       |
|                 | BACOGLBOY          |                                       | 22                                               | _ 1 RHS 3++ Ganfloor                          |
|                 | 013<br>BAC 0928 04 |                                       | 1/                                               | Ventilation harizontal                        |
|                 | 014                |                                       | 500                                              | 415 light 2nd row                             |
| ľ               | 015                | ·                                     | <del></del>                                      | (ceilinglisht)                                |
| — — t           | SACOPLEOY          | <del>-</del>                          | 47000                                            | Above exit lighting overdoor will             |
|                 | 016                | <del></del>                           |                                                  | Blank                                         |
| _               | 017                | · · · · · · · · · · · · · · · · · · · | 300                                              | -1774 1 1 7                                   |
| B               | 018                | <u> </u>                              | <del> </del>                                     | Shart Martin 1000 5725                        |
|                 | MC092804           | <del></del>                           | <u> </u>                                         | Blank                                         |
|                 | 019<br>Ac092804    | ·                                     | 57                                               | range on floor                                |
|                 | 020                | ·                                     | 69                                               | JUST to let as you wilk                       |
|                 |                    | <del></del>                           | <del>                                     </del> | in UCD lowe on floor                          |
| -+              |                    | ·                                     | <u> </u>                                         |                                               |
| ——              |                    |                                       | }                                                |                                               |
| ]               | İ                  |                                       | <del></del> -                                    | <del> </del>                                  |
|                 |                    |                                       | <del> </del>                                     | <u> </u>                                      |
|                 |                    |                                       | <u> </u>                                         |                                               |
|                 |                    |                                       |                                                  | <del> </del>                                  |
| 1               |                    | <del></del>                           | <del></del>                                      |                                               |
|                 | <del></del>        |                                       | ·                                                |                                               |
| -               |                    | <u> </u>                              |                                                  |                                               |
|                 | _                  |                                       |                                                  |                                               |
|                 |                    |                                       | <del></del>                                      | <del> </del>                                  |
| <del> </del>    | <del></del>        |                                       | <b>-</b>                                         | <u> </u>                                      |
|                 |                    |                                       |                                                  |                                               |
|                 |                    | <del></del>                           | <del></del>                                      |                                               |

Posted to NGB FOIA Reading Room May, 2018

FOIA Requested Record #J-15-0005 (MD) Released by National Guard Bureau Page 949 of 5269

130320

(Please Refer To This Number For Inquires)

Submittal Information:

### CHAIN OF CUSTODY

BEST AVAILABLE COPY Timmd [24hr [48hr [72hr [5]Day + [Immd, After-Hours\* [24hr After-Hours\* [Late-Night\* (\*must be pre-scheduled) 3688 ě Ř G (LABORATORY STAFF ONLY) 6 Initials: らし CLIENT CONTACT WDust Wipe Furnace (wipe type Ghost Wipe) Contact Contact Contact 300 (OTS) (QTY) @ phone # (OTY) Dust Wipe (wipe type. Date/Time: Date/Time: Date/Time Signature: Miscellaneous Analysis ☐ Drinking Water.☐ Waste Water. Other (specify, ☐ Email Copy: Paint Chip. Soil/Solid. Line P.O. #. - Radon Lead Analysis O Air Reporting Information (Results will be provided as soon as technically feasible): Š BULK WIPE Ī Sign MATRIX @ fax # 301 677 713 2 Job Location: Baltimore (QTY) AIR (QTX) (OTS) OTHER 1. Job Name: Cade (OT3) Submitted by:\_\_ Contact Persor PLM LEAD (013) By (Print): (QTX) Job # ☐ Quan. (s/area) Vacuum D5755-95. ANALYSIS Qual. (pres/abs) Vacuum/Dust. Quan. (s/arca)Dust D6480-99. 3 ☐ ELAP 198.4/Chatfield Σ Via ☐ NY State PLM/TEM By Print Residual Ash\_ ☐ EPA 100.1\_ PLE ASET TEM Water M Fax Copy WIPE JV, T 21010 VOLUME 0 SAMPLE ANALYSIS INFORMATION DATE Fax# Ĭ ž (QTX) (013) (QTX) LABORATORY STAFF ONLY: (CUSTODY) SAMPLE LOCATION National in a 25mm 37mm in a 25mm 37mm 25.25 @ cell # 933 2 (SE) 8 Date/Time Analyzed: Results Reported To: ☐ Fiberglass (QTY)
TEM Air – Please Indicate Filter Type: PCM Air - Please Indicate Filter Type: ☐ EPA 600 – Visual Estimate
☐ EPA Point Count
☐ NY State Friable
☐ Grav. Reduction ELAP 198.1
☐ Other (specify ). Date/Time RCVD: www.amalab.com
www.amalab.com
www.amalab.com
www.amalab.com
www.amalab.com
World Billing Information:
Soli 1 H C
Body Address 1: 301 1 H C
Body Address 2: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 14 v.c d
Body Address 3: 15 v.c d
Body Address 3: 15 v.c d
Body Address 3: 15 v.c d
Body Address 4: 15 v.c d
Body Address 5: 14 v.c d
Body Address 5: 14 v.c d
Body Address 6: 15 v.c d
Body Address 6: 15 v.c d
Body Address 7: 15 v.c d
Body Address 6: 15 v.c d
Body Address 7: 15 v.c d
Body Address 7: 15 v.c d
Body Address 7: 15 v.c d
Body Address 7: 15 v.c d
Body Address 7: 15 v.c d
Body Address 8: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Address 9: 15 v.c d
Body Ad 4. Comments: PC MCE Porosity

I NIOSH 7400 BACO92804 001 507 BAC612804 003 8 896 POSTED OUS 9 BAC 092504 009 3 BAC 092804 011 BOC 042804 012 80C 642864 ois Ş 300 PC MCE Porosity\_ O AHERA
NIOSH 7402
Other (specify g Asbestos Analysis CLENTE BAC 042664 NUMBER BAC 092264 895607 894,092864 BAC 642804 BOX 642864 ਹ Verbals: BEST AVAILABLE COPY

Released by National Guard Bureau Page 950 of 5269

AIHA (#8863) NVLAP (#1143) NY ELAP (10920) AMA Analytical Services, Inc. 4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

May, 2018

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                | led<br>led                                                                                                               |                                                                                                    | BEE S                                                                                                                | ST AVAILABLE                                                                                        | COPY                                                       |                |                                       |                |                                         |                                               |            |                                       | ]                                        |                        |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|---------------------------------------|----------------|-----------------------------------------|-----------------------------------------------|------------|---------------------------------------|------------------------------------------|------------------------|---------------|
| :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | 20<br>20<br>98                 | feasible). douns 1.24mAfter-Hours* Flate-Night* (*must be pre-scheduled)  (*must be pre-scheduled)                       | .(QTY)                                                                                             |                                                                                                                      |                                                                                                     |                                                            | Bv:            |                                       | By:            |                                         | Bv:                                           |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                | be pre-                                                                                                                  | 8                                                                                                  | 20                                                                                                                   | (QTY)                                                                                               | <u> </u>                                                   |                |                                       |                |                                         |                                               |            |                                       |                                          |                        | ls:           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1             | 7                              | *must                                                                                                                    |                                                                                                    | 3<br>(g                                                                                                              | 8                                                                                                   | CLIENT CONTACT (LABORATORY STAFF ONLY)                     | sct:           |                                       | act:           |                                         | j;                                            |            |                                       |                                          |                        | Initials:     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                | gbr* (*                                                                                                                  | 1                                                                                                  | 3<br>€ ₹                                                                                                             |                                                                                                     | CLIENT CONTACT                                             | Contact        |                                       | Contact:       |                                         | Contact                                       |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | *                              | Cate                                                                                                                     | (QTY)                                                                                              | TY) (QTY) (QTY) (QTY) e type (Hex)                                                                                   | ا<br>د                                                                                              | CLIEN                                                      |                |                                       |                |                                         |                                               |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | @ phone #                      | E □<br>38                                                                                                                | ନ                                                                                                  | (VTY)<br>(Wipe ty)                                                                                                   | (QTX)                                                                                               | CAB                                                        |                |                                       | نة             |                                         | 65                                            |            |                                       |                                          |                        | がは            |
| and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t |               | (a)                            | H-Hon                                                                                                                    | ipe u                                                                                              | ater                                                                                                                 | alysis<br>ify                                                                                       |                                                            | Date/Time:     |                                       | Date/Time:     |                                         | Date/Time:                                    |            |                                       | 1                                        |                        | 1             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P.O. #        | Signature:                     | feasible):<br>ours* □24hr After<br>□ □ Emäil Copy                                                                        | d Analysis  Desint Chip  Dust Wipe (wipe type.                                                     | □ SoiJ/Solid (QTY) □ TCLP (QTY) □ Drinking Water (QTY) □ Waste Water (QTY)                                           | Miscellaneous Analysis  D Radon  O Other (specify                                                   | Han                                                        | Q<br>Q         | 5.53                                  | Ž              | <b>美美</b>                               | Ď                                             |            | 930                                   |                                          |                        | on.           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P.            | n-f                            |                                                                                                                          | Lead Analysis  Desint Cl Dust Wi                                                                   | O Soil/Solid. O TCLP. O Drinking V O Waste Wast                                                                      | cellancous<br>Radon  Other (                                                                        | WATER<br>AND<br>OTHER                                      |                |                                       |                |                                         |                                               |            |                                       |                                          |                        |               |
| Ĭ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                                | ation (Results will be provided as soon as fechanically feasible). d 124tr 148tr 172tr 150a + Emand Affer-Rous 17        | Lea                                                                                                |                                                                                                                      | Mis                                                                                                 | MATRIX<br>J.K. WIPE                                        |                |                                       |                | (2)<br>(2)<br>(3)                       |                                               |            |                                       |                                          | Sign                   |               |
| 97.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                | 1.<br>1.<br>1.3.                                                                                                         | -                                                                                                  |                                                                                                                      |                                                                                                     | MAX.<br>BULK                                               |                |                                       |                |                                         |                                               |            |                                       |                                          |                        |               |
| ion:<br>de<br>Baltinore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                                | nformation-Results will be provided as soon as fee<br> Tomed    24tr    48tr     72tr     5 Day +    Immed<br> Copy <br> |                                                                                                    | 5.6<br>5.73<br>5.73                                                                                                  |                                                                                                     | AIR                                                        |                |                                       |                | 1                                       |                                               |            |                                       |                                          |                        |               |
| Cade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                | rovided as soom as to<br>br [75 Day + [5] Imm<br>brax # 30 1 G-7-7                                                       | 80                                                                                                 | (QTTV)<br>(QTTV)<br>(QTTV)                                                                                           | (tro)                                                                                               | OTHER                                                      |                |                                       |                |                                         |                                               |            | 1                                     |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | Contact Person: Submitted by:  | anded<br>∏S∑<br>Exx #                                                                                                    | (GTY)                                                                                              |                                                                                                                      | ୍ ।                                                                                                 | 9                                                          |                |                                       |                |                                         |                                               |            |                                       | Point.                                   |                        |               |
| omittal Infor<br>Job Name:<br>Job Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Job#:         | Contact Ferso<br>Submitted by: | De pro                                                                                                                   | (VTY)                                                                                              | LDuss  Ogal. (pres/abs) Vacuum/Dust  O Quan. (s/area) Vacuum D5755-95.  O Quan. (s/area)Dust D6480-99.  I Water.     | (077)<br>(077)<br>v3/47                                                                             | ANALYSIS  PLM LI                                           |                |                                       |                |                                         |                                               |            | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <b>1</b>                                 |                        |               |
| Subi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 4. %                           | ts will<br>48hr                                                                                                          | peld M                                                                                             | uum D5<br>uum D5<br>D6480                                                                                            | 100.2<br>22                                                                                         | ANA<br>M                                                   | 302            | Ţ,                                    |                |                                         |                                               |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                | Rest<br>Tribit                                                                                                           | 4/Chatt<br>LM/TE<br>sh                                                                             | /abs) Vacea) Vacea) Dust                                                                                             | /abs)                                                                                               | M PCM                                                      |                | · · · · · · · · · · · · · · · · · · · |                |                                         |                                               |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                |                                                                                                                          | 1Bulk<br>C ELAP 198.4/Chaffield<br>C NY State PLM/TEM<br>C Residual Ash                            | L.Dust<br>C. Qual. (pres/abs) Vacuum/Dust.<br>C. Quan. (s/area) Vacuum D5755.<br>C. Quan. (s/area)Dust D6480-99      | Coul (pres/abs)  DEA 198.2/EPA 100.2  DEPA 100.1  EPA F                                             | TEM                                                        |                | 3                                     |                |                                         |                                               |            |                                       |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                | Reporting Inform                                                                                                         | TEM Bulk<br>O BEL<br>O Res                                                                         |                                                                                                                      | Delay (pr<br>DELAP 190<br>DEPA 100.<br>PLE ASE T                                                    | WIPE<br>AREA                                               | 75/            |                                       |                | -8                                      |                                               |            | 100                                   |                                          |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21078         |                                |                                                                                                                          |                                                                                                    |                                                                                                                      | 26                                                                                                  | ION<br>VOLUME<br>(LITERS)                                  |                |                                       |                | 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 |                                               |            | ***                                   | •                                        | 6                      |               |
| ~                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 (           |                                | Kep.                                                                                                                     |                                                                                                    |                                                                                                                      |                                                                                                     | VOL<br>TO                                                  |                |                                       |                | - T                                     |                                               |            | 638                                   |                                          |                        |               |
| Guar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2             | Fax #                          | ( <b>0</b> )                                                                                                             |                                                                                                    | (orro                                                                                                                | (YTC)                                                                                               | SAMPLE ANALYSIS INFORMATION VOL. SAMPLE LOCATION DATE (LT. |                |                                       |                |                                         |                                               |            |                                       |                                          |                        |               |
| 2-1<br>B-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                                |                                                                                                                          | а                                                                                                  |                                                                                                                      | (YTY)<br>(YTY)<br>(YTY)                                                                             | IN SIS                                                     |                |                                       |                |                                         |                                               |            |                                       | CUSTODY                                  |                        |               |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Frack         |                                |                                                                                                                          | a 37.20u                                                                                           | a 37mm                                                                                                               | .(QTY)<br>.(QTY)                                                                                    | NALYS                                                      |                | Ü                                     |                |                                         |                                               |            |                                       | IS:                                      |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | gr (          |                                | . 0                                                                                                                      | rtype:<br>in a 25mm 37mm<br>(QTY)                                                                  | er Type:<br>in a 25mm 37mm<br>_(QTY)<br>(QTY)                                                                        |                                                                                                     | AMPLE ANALYSIS                                             |                | Beatic                                | DOMO!          |                                         | G                                             |            |                                       | ž<br>Pe                                  | 12                     | ed To-        |
| nation .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                                |                                                                                                                          | Filter                                                                                             | Filter (                                                                                                             | Sstimate                                                                                            | SAM                                                        | 7333<br>23-3   | 慧                                     |                |                                         |                                               |            |                                       | TORY STAFF OVI<br>I Date/Time RCVD       | 2. Date/Title Analyzer | Č.            |
| Informa<br>301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ر<br>ح<br>الم |                                | J. S.                                                                                                                    | is<br>Indicate<br>osity                                                                            | indicate<br>osity                                                                                                    | Visual F<br>Count<br>iable<br>ction El                                                              |                                                            | ō              | 000                                   | 0<br>0<br>0    | 019                                     |                                               |            |                                       |                                          |                        | St Results Re |
| Uing/Billing In<br>Client Name:3<br>Address 1:3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | .ss 2:        | 3 *                            | mo Re                                                                                                                    | estos Analysis<br>1Air – Piease Indio<br>PC MCE Porosity<br>UNIOSH 7400                            | Adir – Please Indio PC MCE Porosity  AHERA  NIOSH 7402                                                               | . Point (<br>State Fr.<br>A. Reduc<br>rr (spect                                                     | CLIENT ID<br>NUMBER                                        | 200            | 1000<br>1000                          | 103            | 64280H                                  | <b>E</b> 3                                    | 10000      |                                       |                                          |                        | S. Result     |
| 1. Client Name: Army 2. Address 1: 301-114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Address 2:    | Phone #:                       | Date & Jime Resrins Requi<br>⊖Merbals                                                                                    | Asbestos Analysis PCMAir – Please Indicate Filter Type: PC MCB Perosity in a 25s  UNIOSH 7400 (OTY | IEM Air – Please Indicate Filter Type: PC MCE Perosity in a 25n □ AHERA (QTY) □ NIOSH 7402 (QTY) □ Other (specify ). | PLM Bulk DEPA 600 – Visual Estimate DEPA Point Count DNY State Friable D Grav. Reduction ELAP 198.1 | 음물                                                         | BAC 092804 014 | BACO12804                             | 30c 012864 OIT | 80 <u>0, 042</u> 804                    | 9 <del>46-912884</del><br>80 <i>6-04</i> 2894 | Sac Oftest | 80€ 92204<br>80€ 645864               | LABORATORY STAFF ONE<br>1 Date Time RCVD |                        |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | f √i                           | Α ή<br>Reading I                                                                                                         |                                                                                                    | E BES                                                                                                                | ដី<br>ST AVAII ARI E                                                                                | COPY                                                       | <u>@</u>       | 1:3-75                                |                | 1.1.12                                  | di Recor                                      | 40891      | - 1 00-000                            | 106.052                                  |                        |               |

BEST AVAILABLE COPY

AHA (#8863) NVLAP (#1143) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

Posted to NGB FOIA Reading Room May, 2018

त्त कुल कुल वल कुल कुल कुल व FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 951 of 5269

A Specialized Environmental Laboratory

valutical Services, Inc.

### CERTIFICATE OF ANALYSIS

Chieser Address Attention 301-IH Old Bay Lame, Attn: NGB-AVN-SI, State Military Reservation Havre de Grace, Maryland 21078 National Guard Burcau

> Job Lecations Job Name:

Baltimore, MD

Date Submitted:

10/1/2004

Chain Of Custody:

130320

Report Date:

14-Oct-04

Š

Analysis Type Sample Type Summary of Atomic Absorption Analysis for Lead P.O. Number: Job Number: Air Volume BPA #W912K6-04-A0002 Not Provided Area Wiped Reporting Date Analyzed: Person Submitting Pinal Result [0/14/2004 Comments Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Ares Wiped<br>(fe) | Reporting<br>Limit | Final Result           | Cemments |
|----------------------|-------------------------|---------------|-------------|-------------------|--------------------|--------------------|------------------------|----------|
| 0500434              | BAC 092804 001          | Fumace        | Wipe        | *****             | 0.11.0             | 67.51 ug/ff*       | 230 ug/ft²             |          |
| 0500435              | BAC 092804 002          | Fuguace       | Wipe        | ****              | 0.113              | 5.40 ug/f#         | 36 ug/£1³              |          |
| 0500436              | BAC 092804 003          | Formace       | अंगूल       | ****              | 0.111              | 67.51 ug/ft²       | 300 ug/fi <sup>2</sup> |          |
| 0500437              | BAC 092804 004          | funace        | Wipe        | ****              | N/A                | 0.30 ug            | 1.6 vg                 |          |
| 0500438              | BAC 092804 005          | Plame         | Wipe        | ****              | 0.111              | 108.01 ug/ft²      | 910 ng/ff=             |          |

BEST AVAILABLE COPY

| Soliday for the accuracy and completeness of this information. Residual sample material will be discarded in as applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air m NVLAP, NIST, or any agency of the Federal Government.                                                                                                                                                                                                                                                                                                                                                   | ** is report applies only to the sample, or samples, arrestigated and is not necessarily indicative of the quality or condition of apparently ide  - s report a submitted and accepted for the exclusive use of the elect to whom it is addressed and upon the condition that it is not to be used  - as Samule trace, locations and collection protecule are based man the information.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| College for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the elicated will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the elicated VLAA Accordance of the polarized light microscopy of brake samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product crefification, approval, or endorsement by NVLAP, NIST, or new agency of the Federal Government. | o 18  Support a special special special special stress of the careful stress of the careful special stress of the careful special stress of the careful special special stress of the careful special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special |

An AlHA (#8863), NVLAP (#101143), & New York ELAP (#10920) Accredited Laboratory

2004

0500452 050045] 0500450 0500449 0500448 0500447 0500446 0500445 0500444 0500443 0500442 0500441 0500440 0500439

BAC 092804 020

Funnace

Furnace SEEDING

Wape Blank

Wipe Pe

Wipe Blank Wipe

1 1 1

0.13 0.111 0.11 1117

108.01

47000 0.73

> AJAn AJ/Ba 18/18/18 ug/fi ang/fit

ŝ

67.51 2.70 2.70 1080

×

0.111

67.5 0.30

HASTI æ ag/it ng/ft² alg/fit At/din

1110

N/A

030

0.46 300

agenta.

aggan.

Wipe

Wipe ¥Jpc Wilde Wipe Wipe

\*\*\*

BAC 092804 017 BAC 092804 016 BAC 092804 015 BAC 092804 014 BAC 092804 013 BAC 092804 012

Furnace Furnace BAC 092804 010

Fermace **Типпасе** 

> Wipe Wipe

Tumace Fumece

Wipe

Ĭ 1 1

#

67.51 108.01 67.51

200

ug/fit

17

ug/it

98 ¥

all falls nggt:

High uggin. 6.75

2.70

Hame

BAC 092804 01.1

Settling:

Furnace

1 1 1

111.0 0.11 0.11 0.111 0.111

HABIN Jy/Sn Høn.

9696

ß

1

\*

Flance

Farmace

Flame

NYLAP, NIST, or any agency of the Federal Government.

2:04PM

All rights neserved AMA Analytical Services, Inc. d to NGB FOIA Reading Room

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (M Released by National Guard Bureau Page 952 of 5269

AMA Sample Number

Client Sample

Assalysis Type

Sample Type

%Pb = percent lead by weight

ug=micrograms

N/A = Not Applicable

should not be considered when interpreting the result

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted.

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Soilds: EPA 600/R-93/200(MJ-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Sol//Solids: EPA 600/R-93/200/M}-7421; Water: SM-31138

mg/Kg = parts per million (ppm) by weight = mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

No.3795

Ρ.

A Specialized Environmental Laboratory

nalytical Services, Inc.

### CERTIFICATE OF ANALYSIS

Address 301-IH Old Bay Lanc, Attn: NGB-AVN-SI, State Military Reservation National Guard Bureau Havre de Grace, Maryland 21078

Athention:

Job Name: Š

Baltimore, MD

Job Lecation:

F.O. Namber: Job Number:

BPA #W912K5-04-A0002

Not Provided

Date Analyzed: Person Submitting Date Submitted: Chain Of Custody:

130320

Report Date:

14005-04

10/14/2004

[0/1/200

Page 2 of 2

Summary of Atomic Absorption Analysis for Lead

Air Volume Area Wiped 3

₿

Reporting

Final Result

Comments

Technical Manager

**BEST AVAILABLE COPY** 

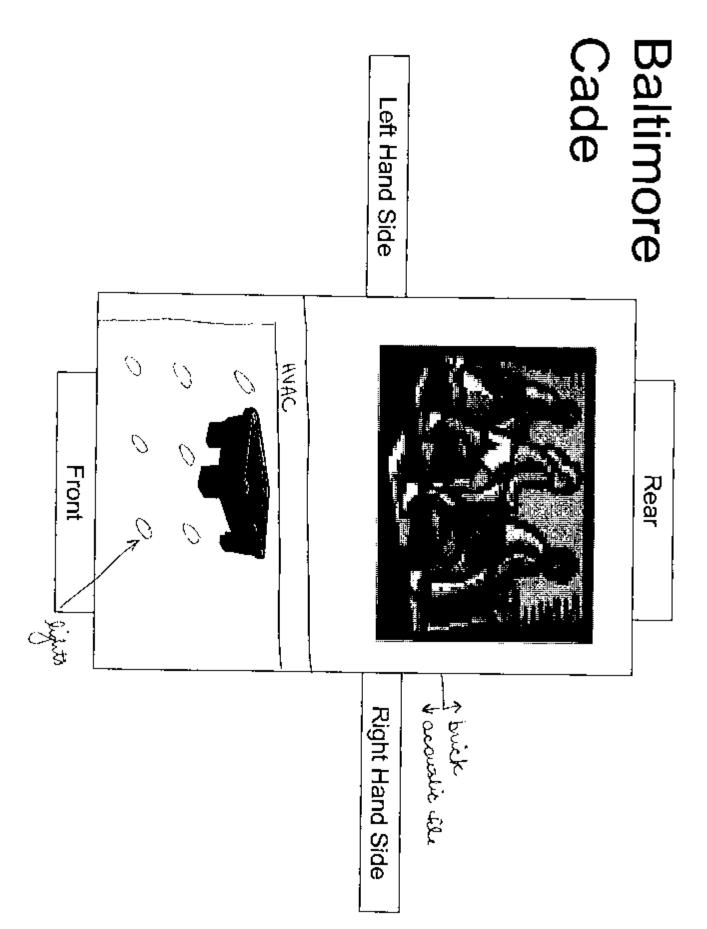
FOIA Requested Record #J-15-0085 (MD Released by National Guard Bureau Page 953 of 5269

An AlHA (#8863), NVLAP (# 101143), & New York ELAP (#10926) Accredited Laboratory

applies only to polarized light inferescopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply predect excitination, approval, or endersement by

All rights reserved. AMA Analytical Services, Inc.

NVLAP, NIST, or any agency of the Federal Government





### **Industrial Hygiene Study**

National Guard Facility Baltimore Cade Readiness Center 2620 Winchester Street Baltimore, Maryland 21216-449

### Prepared for:

National Guard Bureau Region North IH Office 301-IH Old Bay Lane Havre de Grace, Maryland 21078

Prepared by:

The El Group, Inc. 2101 Gateway Centre Blvd. Morrisville, North Carolina 27560

Report Date: December 30, 2008

Project ID: IHMO080101.03



Non-Responsive
Manager, Charlotte Operations



Senior Industrial Hygienist

### **TABLE OF CONTENTS**

| Executive Summary      | 3 |
|------------------------|---|
| Operation Description  | 4 |
| Noise                  | 4 |
| Lead Testing           | 4 |
| Lighting               | 6 |
| Indoor Air Quality     | 6 |
| Suspect ACBM           | 8 |
| Ventilation Assessment | 8 |
| Additional Items       | 8 |
| Limitations            | 9 |
| References             | 9 |

### **List of Appendices**

Appendix A: Photographs

Posted to NGB FOIA Reading Room May, 2018

Appendix B: Laboratory Analysis Report

### **EXECUTIVE SUMMARY**

An industrial hygiene survey was conducted July 31, 2008 at the Readiness Center Facility Identification No. 486 located in Baltimore, Maryland. The study was performed by Mr. Non-Responsive, CIH.

Employees were not performing tasks that provided excessive noise levels, as such; noise exposure monitoring was not conducted.

Lighting within the facility was also evaluated. Lighting was found to be within applicable recommended levels.

Various surfaces within the HVAC system and throughout the facility were screened for lead. The screening was completed using surface/wipe and air samples. None of the air samples collected were found to have detectable levels of the respective lead contaminant. Lead contamination was identified on several surfaces.

Indoor air quality parameters were also evaluated during the assessment. Indoor air quality was found to be within those parameters established by the Environmental Protection Agency (EPA) and American Society of Heating, Refrigerating, and Airconditioning Engineers, Inc. (ASHRAE). The firing range is inactive but could have contributed to lead exposure to building occupants. If not addressed, these may provide sources of poor indoor air quality.

During the assessment, written programs for Health and Safety, NESHAP Operations and Maintenance Asbestos Survey, and the Hazard Communication Program were requested for review, however, the onsite personnel was not able to locate the documents.

### **Operation Description**

The Baltimore Cade Readiness Center primarily serves as an office setting and equipment storage facility. The facility consists of a single story plus basement response center that contains a maintenance bay, office spaces, decommissioned gun range, and unit storage areas.

The exterior walls of the building were constructed of concrete block and red brick. The interior walls were composed of a combination of concrete block and sheetrock. The roof of the facility consisted of a built-up roof system. The heating, ventilating, and air conditioning system (HVAC) consisted of a split direct-expansion (DX) system. The floors were composed of a poured concrete slab and in some areas were finished with vinyl floor tiles or hard wood flooring. The ceilings were generally composed of corrugated metal roof deck and in some areas were finished with a suspended drop ceiling system.

Site personnel at the time of the site assessment consisted of six administrative personnel. The employees on site were conducting general administrative work.

### **Noise Survey**

Employees were not performing tasks that provided excessive noise levels, as such; noise exposure monitoring was not conducted.

### Lead Testing

At the time of the assessment, no activities were observed which may lead to lead exposure other than ammunition handling. The facility contains a gym which was once an indoor firing range

Various surfaces within the facility were screened for lead using surface/wipe samples and the collection of air samples. Surface/wipe samples were collected using Ghost Wipe<sup>TM</sup> samples and were collected in accordance with the ASTM E 1792 protocols. Air samples were collected using 0.8 µm MCE cassettes attached to low volume air sampling pumps. Blank samples were submitted to the laboratory for quality control purposes. Samples were sent to AMA Analytical Services, Inc., in Lanham, MD for lead analysis using EPA Method 600/R-93/200 (M)-7420. A copy of the laboratory analysis report can be found in Appendix B.

**Lead Testing Results Summary** 

| Location                           | ion Air Surface<br>ug/m³ ug/ft² |     | Bulk  | Chip<br>%Pb |
|------------------------------------|---------------------------------|-----|-------|-------------|
| 486-2: Supply Room                 | <2.7                            |     |       |             |
| 486-1: Storage/Firing Range        | <2.8                            |     |       |             |
| 486-3: Air Blank                   | <3                              |     |       |             |
| 486-4: Kitchen Fridge Top          |                                 | 12  |       |             |
| 486-5: Basement Kitchen Cooler Top |                                 | 28  |       |             |
| 486-6: 123 Desk Top                |                                 | 14  |       |             |
| 486-7: Basement Gym Heater         |                                 | 250 |       |             |
| 486-8: 106 Desk                    |                                 | 21  |       |             |
| 486-9: Basement – Gym Exhaust Fan  |                                 | 400 |       |             |
| 486-10: Blank Wipe                 |                                 | <12 |       |             |
| 486-11: 123A Ceiling               |                                 |     |       | 0.26        |
| 486-12: Boiler Room Wall           |                                 |     |       | 0.45        |
| 486-13: Boiler Room Pipe           |                                 |     |       | 0.3         |
| 486-14: 119B HVAC Duct             |                                 |     |       | 0.27        |
| Criteria                           | 50                              | 200 | 5,000 | 0.5         |

Key: ND – None Detected

PB - Lead

Detectable levels of lead were identified in the former range/gym exhaust vent and heater vent, kitchen, Supply Room and locker room. The National Guard Bureau currently utilizes 200 ug/ft² as a benchmark for identifying contaminated surfaces. In the" Derivation of Wipe Surface Screening Levels for Environmental Chemicals", the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) has determined that 200 ug/ft² is a satisfactory surface contamination level unless the facility is utilized as a childcare facility. In such cases, HUD levels of 40  $\mu g/ft^2$  on floors and 250  $\mu g/ft^2$  on windowsills should be observed.

No detectable levels of lead were identified in those air samples collected. Currently, OSHA observed an 8-hour time weighted average of 50 ug/m<sup>3</sup>.

Deteriorated paint was observed in the boiler room, storage room 119 ductwork and boiler room. Delaminated paint was mostly due to age along with prolonged exposure to elevated humidity levels.

Air samples were collected from the Supply Room and old Gun Range. Wipe samples were collected from several areas within the facility including floors, cabinet tops and HVAC components. Detectable levels of lead were identified in all collected indoor samples. Additionally, delaminating paint was identified in the Boiler Room, Supply Room and Equipment storage room which was found to contain detectable levels of lead.

### **Lighting**

A lighting assessment was conducted throughout the facility. The survey was conducted with large bay doors closed. Measurements were collected using a Cooke Cal-Light 400L Precision Light Meter (Serial No. 98047EL). The light meter was last calibrated on February 22, 2008. Measurements collected were compared to ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

**Light Survey Assessment Summary** 

| Light Survey Assessment Summary  Recommended Sufficient |              |          |          |  |  |
|---------------------------------------------------------|--------------|----------|----------|--|--|
| Location                                                | Foot Candles | Lighting | Lighting |  |  |
| 106/104/105 Office                                      | 63-74        | 30-50    | Yes      |  |  |
| Kitchen: 103                                            | 7-12         | 50       | Yes      |  |  |
| 102 Office                                              | 77-86        | 30-50    | Yes      |  |  |
| 108 Latrine                                             | 7-14         | 5        | Yes      |  |  |
| Hallway                                                 | 8-52         | 5        | Yes      |  |  |
| 109 Latrine                                             | .4-6         | 5        | Yes      |  |  |
| 112 Office                                              | 78-101       | 30-50    | Yes      |  |  |
| 111 Office                                              | 68-82        | 30-50    | Yes      |  |  |
| 113 Office                                              | 67-78        | 30-50    | Yes      |  |  |
| 114 Locker                                              | 33-48        | 7        | Yes      |  |  |
| 116: Locker                                             | 5-12         | 7        | Yes      |  |  |
| 118: Bunk                                               | 18-27        | 30-50    | Yes      |  |  |
| 123 Supply                                              | 48-64        | 30       | Yes      |  |  |
| 124 Storage                                             | 18-23        | 30       | Yes      |  |  |
| 119 Locker                                              | 25-32        | 7        | Yes      |  |  |
| 119B Storage                                            | 20-35        | 30       | Yes      |  |  |
| B1 Gym/Storage                                          | 58-72        | 30       | Yes      |  |  |
| B6 Kitchen                                              | 84-104       | 50       | Yes      |  |  |
| B5 Service Room                                         | 89-105       | 30       | Yes      |  |  |
| B3 Lounge                                               | 52-58        | 10       | Yes      |  |  |
|                                                         |              |          |          |  |  |

### **Indoor Air Quality**

Survey measurements were made for ventilation and comfort parameters (carbon dioxide, temperature, and relative humidity). The air quality measurements were

collected using direct reading instrumentation for comfort parameters using a Fluke IAQ Meter, Model 975. The IAQ Meter was last calibrated in April 2008.

The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) have developed indoor air quality guidelines for mechanically ventilated office buildings and commercial settings (ASHRAE standard 62.1-2007). ASHRAE specifies temperature and relative humidity ranges for human comfort (ASHRAE 55-2004). The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, recommends maintaining a relative humidity range between 30 to 60% in occupied areas.

The recommendations for temperature and humidity are based on seasonal and regional influences to allow comfort for 80% of a building's population. The temperature readings from the interior of the structure ranged from 74.3 to 84.2°F with relative humidity readings ranging from 51.3% to 64.2%.

During the survey,  $CO_2$  levels ranged from 407 ppm to 984 ppm within the facility compared to an outdoor  $CO_2$  level of 383 ppm. Based on the outdoor levels observed at the time of the testing, the maximum indoor concentration of  $CO_2$  recommended is 1,083 ppm (383 ppm + 700 ppm). The results of the testing met the ASHRAE guidelines.

### **IAQ Assessment Summary**

|                    | 1714 71000          |                             | •                          |                             |
|--------------------|---------------------|-----------------------------|----------------------------|-----------------------------|
| Location           | Temperature<br>(°F) | Relative<br>Humidity<br>(%) | Carbon<br>Dioxide<br>(ppm) | Carbon<br>Monoxide<br>(ppm) |
| Office 104/105/106 | 80.6                | 51.3                        | 984                        | 0                           |
| Kitchen 103        | 81.5                | 61.1                        | 699                        | 0                           |
| Lounge 102         | 80.7                | 58.3                        | 497                        | 0                           |
| Latrine 108        | 82.4                | 63.0                        | 492                        | 0                           |
| Hallway            | 83.3                | 61.4                        | 446                        | 0                           |
| Latrine 109        | 83.3                | 63.4                        | 409                        | 0                           |
| Office 112         | 81.5                | 48.8                        | 483                        | 0                           |
| Office 111         | 81.3                | 58.6                        | 457                        | 0                           |
| Office 113         | 74.3                | 54.3                        | 444                        | 0                           |
| Locker Room 114    | 82.4                | 60.1                        | 485                        | 0                           |
| Locker Room 116    | 83.3                | 63.1                        | 478                        | 0                           |
| Room 118           | 84.2                | 61.0                        | 490                        | 0                           |
| Supply Office 123A | 82.4                | 63.2                        | 432                        | 0                           |
| Latrine 121        | 84.2                | 64.2                        | 465                        | 0                           |
| Locker Room 119    | 83.3                | 61.8                        | 407                        | 0                           |
| Kitchen B6         | 82.4                | 63.1                        | 422                        | 0                           |
| Service B5         | 82.4                | 63.1                        | 436                        | 0                           |
| Lounge B3          | 82.4                | 64.2                        | 452                        | 0                           |
| Gym B1             | 80.6                | 64.5                        | 439                        | 0                           |

| Outdoors | 83.4      | 49.7  | 383    | 0    |
|----------|-----------|-------|--------|------|
| Criteria | 73.0-79.0 | 30-50 | <1,083 | <9.0 |

A visual inspection was conducted throughout visually accessible portions of the facility. The visual inspected was conducted to assess sources or pathways of IAQ. The visual inspection revealed the following items that may be potential sources of poor IAQ:

- Roof leaks were identified in Rooms 102. At the time of the assessment, building finish materials were dry.
- Delaminated paint was identified in the Supply Room. Delamination appears to be due to elevated humidity levels.
- Ceiling level heaters appear to have left a soot residue on the ceiling at the heater.
- Mouse traps present in the main level kitchen.
- Elevated humidity levels associated with latrines and locker rooms

### **Suspect Asbestos Containing Building Materials**

Suspect asbestos containing materials include sheetrock/joint compound, plaster wall and ceiling systems, floor tiles and associated mastic, and vinyl covebase. Thermal system insulation was found to be a combination of paper wrapped fiberglass with PVC elbows and well as pre-formed TSI with mudded elbows. 1' x1' ceiling tiles were identified throughout the main level office area.

No O&M plan could be identified. Initiate an O&M Plan for the asbestos containing materials or presumed asbestos containing materials. Maintain a copy of the O&M Plan onsite at all times.

### **Maintenance Bay**

Room 125 is currently being used as a vehicle maintenance bay. The area was found to have a single fan local exhaust system with two flexible extension arms. The flow rate of LEV system ranged from 1,565 to 1,580 cubic feet per minute.

Housekeeping was maintained in poor condition. Items including waste oil and degreasing solvents were stored within the 3 foot working clearance of breaker boxes.

PPE was maintained in a central location and included safety glasses, chemical glasses and hardhats.

### **Ventilation System Assessment**

Posted to NGB FOIA Reading Room

May, 2018

The heating, ventilating, and air conditioning system (HVAC) consisted of a split directexpansion (DX) system for the drill floor and radiator heating system or window unit air conditioners for offices. The intake filters and coils of the raised HVAC system appeared to be in good condition but with noticeable dust loading. No record keeping could be identified concerning the frequency of maintenance activities such as cleaning or filter changes. Supply ducts were found to contain dust loading.

The local exhaust ventilation system located in the Maintenance Bay was found to operate with the required flow rate of 1,480 to 2,200 cubic feet per minute (CFM) per ASHRAE Section 10.85 – Diesel Engines under load @ 1,000 RMP

### **Limitations**

This report summarizes our evaluation of the conditions observed at the above referenced location. Our findings are based upon our observations and sampling results obtained at the facility at the time of our visit. The report, results, and subsequent recommendations reported herein are also limited to the information available at the time it was prepared and investigated. Conditions may have been in effect prior to the sampling events that have changed over time and which cannot be predicated within the scope of this limited investigation. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

This report is intended for the exclusive use of the client. This report and the findings herein shall not, in whole or in part, be relied upon by any other parties, disseminated or conveyed to any other party without prior written consent of the National Guard Bureau, and The El Group, Inc. The findings are relative to the dates of our site visits and should not be relied upon for substantially later dates.

### References

Title 29 Code of Federal Regulations (CFR), Part 1910, Occupational Safety and Health Administration.

Lead - (29 CFR 1910.1025(h))

American Conference of Governmental Industrial Hygienists (ACGIH) – Threshold Limit Values and Biological Exposure Indices, 2008 Edition

Industrial Ventilation: A Manual of Recommended Practice for Design, 25th Edition

Georgia Army National Guard: Standard Army Safety and Occupational Health Inspection Checklist; 1 October 1999 Edition

ANSI Z358.1 – 2004, Emergency Eye Wash and Shower Equipment

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Ventilation for Acceptable Indoor Air Quality, 62.1-2007.

RP-1-2004, Industrial Lighting, Illuminating Engineering Society of North America/ANSI

RP-7-2001, Industrial Lighting, Illuminating Engineering Society of North America/ANSI

National Emission Standard Hazardous Air Pollutants (NESHAP) - The standards for asbestos are contained in 40 CFR 61.140 through 61.157.

Environmental Protection Agency (EPA) standards (40 Code of Federal Regulations (CFR) 745.227(h)(3))

Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM)

The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation

Posted to NGB FOIA Reading Room

May, 2018

### Appendix A

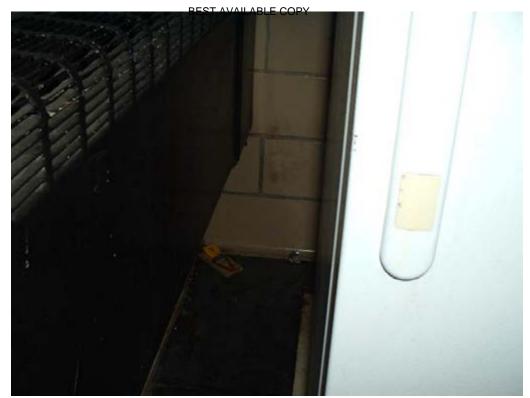
### **Photographs**



**Exterior view of facility** 



Water damaged ceiling tiles in the main level kitchen



Mouse trap in main level kitchen



Water damaged plaster in latrine



**Delaminated paint in Supply Room** 



Soot from heater in locker room 119



LEV system in room 125

### Appendix B

### **Laboratory Analysis Report**





### AMA Analytical Services, Inc.



Invoice:

95254

Client:

National Guard Bureau

Job Name:

RC 486 Baltimore-Cade, MD

Chain Of Custody:

181397

Address:

301-IH Old Bay Lane, Attn:

Job Location:

Not Provided

Date Submitted:

9/4/2008

NGB-AVN-SI

Job Number:

Not Provided

Date Analyzed:

9/9/2008

State Military Reservation
Havre de Grace, Maryland

P.O. Number:

Not Provided

Date Invoiced:

9/9/2008

21078

Person Submitting:

lon-Responsive

Attention:

Non-Responsive

Page 1 of 1

| AMA<br>Sample # | Client<br>Sample # | Analysis and<br>Sample Type | Turn<br>Around | Cost   | Additional Analysis<br>and Sample Type * | Turn<br>Around * | Additional<br>Cost * | Total<br>Cost |
|-----------------|--------------------|-----------------------------|----------------|--------|------------------------------------------|------------------|----------------------|---------------|
| 0881899         | 486-1              | AA Lead Air                 | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881900         | 486-2              | AA Lead Air                 | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881901         | 486-3              | AA Lead Air                 | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881902         | 486-4              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881903         | 486-5              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881904         | 486-6              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881905         | 486-7              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881906         | 486-8              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881907         | 486-9              | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881908         | 486-10             | AA Lead Wipe                | 5 Day +        | \$8.00 |                                          |                  |                      | \$8.00        |
| 0881909         | 486-11             | AA Lead Paint               | 5 Day +        | \$9.00 |                                          |                  |                      | \$9.00        |
| 0881910         | 486-12             | AA Lead Paint               | 5 Day +        | \$9.00 |                                          |                  |                      | \$9.00        |
| 0881911         | 486-13             | AA Lead Paint               | 5 Day +        | \$9.00 |                                          |                  |                      | \$9.00        |
| 0881912         | 486-14             | AA Lead Paint               | 5 Day +        | \$9.00 |                                          |                  |                      | \$9.00        |

Sub-Total:

\$116.00

Additional Charge:

\$0.00

Total:

\$116.00

Note: Payment Due Upon Receipt.

Note: All Accounts over 30 days are subject to a 11/2% per month service charge.

Only apply if additional analysis was performed on the sample(s)

Account Code:

NATLG

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS

ACCAROLLED TO

Client National Guard Bureau

Attention:

AMA Sample

Client Sample Number

Analysis Type

Sample Type

Air Volume

Area Wiped

Reporting

Number

0881899

486-1

Flame

BEST AVAILABLE COPY

486-4 486-3 486-2

Flame

Flame Flame

Air Blank

Αir Air

106 0

0881901 0881900

0881904 0881903 0881902

0881905

0881906

0881907

0881908

486-10 486-11

> Flame Flame Flame Flame Flame Flame

Wipe Blank Paint Chip

\*\*\* \* \*\*\* \* \* \* \*\*\*\* \*

> N/A N/A 1.445

0.01

0.26

% 5 Ē Wipe

Wipe

Wipe Wipe Wipe Wipe

\* \* \*

0.945

1.000 0.695

8.31 12.00

ng/ft:

400

ng/ft²

 $u\varrho/\Omega^2$ 

ug/ftug/ft ug/ft² ug/ft

12.00

17.28 12.71 10.80

250 21

ug/fi²

4 28

ug/ft²

ng/ft² ug/ft<sup>2</sup>

\* \*\*

1.361

8.82

ug/fit

12 ديا

N/A N/A XX

3.00

ng/m

2.83 2.67

٨

2.8 2.7

սք/ույ

£

ug/m³

1,111

Flame

486-9 486-8 486-7 486-6 486-5

0881909

303-JH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation Job Number: Job Location: P.O. Number:

Address:

Not Provided RC 486 Baltimore-Cade, MD

Job Name:

Chain Of Custody: Date Submitted:

> 9/4/2008 181397

> > NY EI

10920

See aihalqap.org

100470

Person Submitting

Date Analyzed:

Not Provided Not Provided

9/9/2008

Report Date:

9/9/2008

Page 1 of 2 FOIA Requested Record #J-T-0085 (MD)
Released by National Guard Bureau
Page 972 of 5269

Summary of Atomic Absorption Analysis for Lead

Comments

Final Result

BEST AVAILABLE COPY

9881911 486-13 Flame Paint Chip \*\*\*\* N/A 0.01 %Pb 0.3 %Pb 0.0881912 486-14 Flame Paint Chip \*\*\*\* N/A 0.01 %Pb 0.3 %Pb 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0.00 %RB 0. An AIHA (#100470), NVLAP (101143-0), and NY ELAP (#10920) Accredited Laboratory

AMA Analytical Services, Inc.

4475 Forbes Blvd. · Lanham, MD, 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2643

%Pb = percent lead by weight

Note: All samples were received in good condition unless otherwise noted

ug = micrograms

Note: All results have two significant digits. Any additional digits shown

Air and Wipe results are not corrected for any blank results should not be considered when interpreting the result. N/A = Not Applicable

AMA Sample Number

Client Sample

Analysis Type

Sample Type

Air Volume

Number

Attention:

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

ACCAROLITED ABOUTHOU

National Guard Bureau Job Name: RC 486 Baltimore-Cade, MD Chain Of Custody: 181397

Havre de Grace, Maryland 21078 State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Address: 

P.O. Number: Job Number:

Not Provided

Not Provided

Not Provided

Job Location:

Date Submitted:

9/4/2008

Page 973 of

Person Submitting:

Date Analyzed:

9/9/2008

Report Date:

FOIA Requested Record #J Guard Bureau
Released by National Guard Bureau
Page 973 of 5269

Summary of Atomic Absorption Analysis for Lead

Area Wiped 3 Reporting Final Result

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids:EPA 600/R-93/200(M)-7421; Water: SM-3113B

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

ug/L = parts per billion (ppb)

Comments

See QC Summary for analytical results of quality control samples NY ELAP accrediation applies only to paint chip, wipe, and water

BEST AVAILABLE COPY

associated with these sampes.

Analyst: pons

Technical Manager

NGB FOIA Reading Room

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not innot product confidentian announced or and accounted to the client.

AMA Analytical Services, Inc.



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16549

Analysis Type: Flame
Sample Type. Wipe
Analysis Date: 9/9/2008

|                                   | Attatysis | Date.     | 7/ F. 200/B         |        |            |
|-----------------------------------|-----------|-----------|---------------------|--------|------------|
|                                   | Ře        | esu)t     | Percent<br>Recovery | RPD    | Comment    |
| Preparation Blank                 | -0 052    | ppm       |                     |        | Acceptable |
| Report Limit Verification Sample  | 0.2705    | ppm       | 81.2%               |        | Acceptable |
| Expected Spike Level (ppm) 0.3333 |           |           | •                   |        |            |
| Duplicate Sample 1                | #Num1     | mg/Kg     |                     |        |            |
| Dupticate Sample 2                | #Nom1     | mg/Kg     |                     | ≠Error | ≉Error     |
| Matrix Spike Analysis             |           |           |                     |        |            |
| Spiked Sample                     |           |           | 95.13°a             |        | Acceptable |
| Spike Duplicate                   |           |           |                     |        | Acceptable |
| Laboratory Control Sample 1       | 315.233   | <b>48</b> | 102.83%             |        | Acceptable |
| Laboratory Control Sample 2       | 304.974   | ц£        | 102 95%             | 0.11%  | Acceptable |

#### Calibration Information

Correlation of Calibration Curve: 0 999908

All callbration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number 181397 81902 486-4

181397 81902 486-5 181397 81903 486-5

SDG Number: 16549 Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 181397           | 81904             | 486-6                |
| 181397           | 81905             | 486-7                |
| 181397           | 81906             | 486- <b>R</b>        |
| 181397           | 81907             | 486-9                |
| 181397           | 8190B             | 486-10               |
| 181398           | 81916             | 516-4                |
| 18139#           | 81917             | 516-5                |
| L8139R           | 81918             | 516-6                |
| 181398           | R1919             | 516-7                |
| 181398           | 81920             | 516-8                |
| 181398           | 8   921           | 516-9                |
| 181398           | 81922             | 516-10               |

SDG Number: 16549 Page 2 of 2



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16553

Analysis Type: Flame
Sample Type: Air
Analysis Date: 9/9/2008

|                                  | Re      | sult  | Percent<br>Recovery | RPD                | Comment    |
|----------------------------------|---------|-------|---------------------|--------------------|------------|
| Preparation Blank                | -0.021  | ррт   |                     |                    | Acceptable |
| Report Limit Verification Sample | 0.2096  | ppm   | 83 8%               |                    | Acceptable |
| Expected Spike Level (ppm) 0.25  |         |       |                     |                    |            |
| Duplicate Sample i               | ₩Num¹   | mg/Kg |                     |                    |            |
| Duplicate Sample 2               | #Num"   | mg/Kg |                     | •Crror             | #Error     |
| Matrix Spike Analysis            |         |       |                     |                    |            |
| Spiked Sample                    |         |       | 104.24%             |                    | Acceptable |
| Spike Duplicate                  |         |       | 104 69%             | Q 43%              | Acceptable |
| Laboratory Control Sample 1      | 133 054 | μg    | 103.51%             |                    | Acceptable |
| Laboratory Control Sample 2      | 126.233 | μg    | 103 920 a           | $0.39^{q_{\rm m}}$ | Acceptable |

#### Calibration Information

Correlation of Calibration Curve. 0 999875

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number
181397 81899 486-1

181397 81900 486-2

SDG Number: 16553

Page 1 of 2

### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 181397           | <b>819</b> 01     | 486-3                |
| [81401           | B2176             | 5-1                  |
| [8]40[           | R2177             | 5-2                  |
| 181401           | 82178             | 5-3                  |
| 181401           | 82179             | 5-4                  |
| 181430           | 82197             | 495-1                |
| 181430           | 82198             | 495-5                |
| 181430           | 82199             | 495-3                |
| 182583           | R2391             | LOC-104              |
| 182583           | 82392             | LOC-105              |
| 182583           | 82393             | LOC-106              |
| 182583           | 82394             | LOC-107              |
| 182583           | 82395             | LOC-108              |
| 182583           | 82396             | LOC-109              |
|                  |                   |                      |

SDG Number: 16553 Page 2 of 2



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 16552

|                                   | Analysis<br>Sample î<br>Analysis | Type: | Flume<br>Paint Chip<br>9/8/2008 |             |                    |
|-----------------------------------|----------------------------------|-------|---------------------------------|-------------|--------------------|
|                                   | Re                               | şult  | Percent<br>Recovery             | <b>R</b> PD | Comment            |
| Proparation Blank                 | -0.031                           | ppm   |                                 |             | Acceptable         |
| Report Limit Verification Sample  | 0.3418                           | ppm   | 102 6%                          |             | Acceptable         |
| Expected Spike Level (ppm) 0 3333 |                                  |       |                                 |             |                    |
| Duplicate Sample 1                | 9723                             | mg/Kg |                                 |             |                    |
| Duplicate Sample 2                | 8821                             | mg/Kg |                                 | 9.73%       | Acceptable         |
| Marrix Spike Analysis             |                                  |       |                                 |             |                    |
| Spiked Sample                     |                                  |       | 92.45%                          |             | Acceptable         |
| Spike Duplicate                   |                                  |       | 94 NO%                          | 1.66%       | Acceptable         |
| Laboratory Control Sample !       | 528 377                          | ¥8    | 110 78%                         |             | Асс <b>еріа</b> Ыс |
| Laboratory Control Sample 2       | 429 110                          | μg    | 94 52%                          | 15.84%      | Acceptable         |

#### Calibration Information

Correlation of Calibration Curve: 0 909853

All calibration verification samples are within acceptance limits.

Notes:

| Chain Of Custo | dy AMA Sample Number | Client Sample Number |
|----------------|----------------------|----------------------|
| 1#1397         | 81909                | 486-11               |
| 181397         | 81910                | 486-12               |
| SDG Number:    | 16552                |                      |

Page 1 of 2

#### Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 181397           | 81911             | 486-13               |
| 181397           | 81912             | 486-14               |
| 181430           | 82200             | 495-14               |
| 181430           | B2201             | 495-L-6              |
| 181430           | 82202             | 495-L-7              |
| 181430           | <b>\$</b> 2203    | 495-L-10             |
| 181430           | 82204             | 495-L-11             |
| 181404           | 82235             | 487-7                |
| 181404           | 82236             | 487-9                |
| 181404           | 82237             | 487-10               |
| 181417           | 82254             | CI.                  |
| 181417           | 82255             | C2                   |
| 176586           | 82328             | CBC080908-10         |
| 176586           | 82329             | CBC080908-11         |

SDG Number: 16552 Page 2 of 2

#### SAMPLE CHAIN OF CUSTODY



| LES            | SAMPLE MEDIA TYPE PROJECT NAME |                                                                                         |  |  |
|----------------|--------------------------------|-----------------------------------------------------------------------------------------|--|--|
|                |                                | NGB RE AD 486                                                                           |  |  |
| <b>.</b>       |                                | TELEPHONE NUMBER                                                                        |  |  |
| <u></u>        |                                |                                                                                         |  |  |
| SAMPLE<br>DATE | SAMPLE<br>VOLUME               | ANALYSIS REQUESTED                                                                      |  |  |
| 1/31/08        | 1122.86                        | host in air 1                                                                           |  |  |
|                | 1061.31                        |                                                                                         |  |  |
|                | Ø.                             | V                                                                                       |  |  |
|                | 196 152                        | Lead wife                                                                               |  |  |
|                | 160 15                         | ,                                                                                       |  |  |
|                | 156 g, 1                       |                                                                                         |  |  |
|                | 1001-2                         |                                                                                         |  |  |
|                | 14462                          |                                                                                         |  |  |
|                | 208:                           | ,                                                                                       |  |  |
|                | 0                              | 4                                                                                       |  |  |
|                | <b></b>                        | Land Chip                                                                               |  |  |
|                |                                |                                                                                         |  |  |
|                |                                |                                                                                         |  |  |
| 4              |                                | <u></u>                                                                                 |  |  |
| Non-R          | esponsive                      |                                                                                         |  |  |
|                |                                | , <u>8/10/08</u>                                                                        |  |  |
| Signature      | 1                              | Dale                                                                                    |  |  |
|                |                                | Date                                                                                    |  |  |
|                | Non-R                          | SAMPLE SAMPLE VOLUME  7/31/08 1127.86 1061.31 146 1.3 156 1.3 190 1.3 194 1.3 208 1.3 0 |  |  |

Posted to NGB FOIA Reading Room
May, 2018

BEST AVAILABLE COPY

**RMR Analytical Services, Inc.**Focused on Results
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. - Lanham, MD 20706
(301) 459-2640 - (800) 346-0961 - Pax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

|                                                                                |                        |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BEST AVAILABLE COPY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | . 1                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------|------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LABORATORY STAFF ONLY: (CUSTODY)                                               |                        |                         | CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tane Duc:  analysis case Indicate F Porosity H 7400 Lass Purosity H 7402 (specify (specify Tourt Count Duc: Reduction EL. (specify Reduction EL.                                                                                                                                                                                                                                                                                                                                                                                                             | Www.arnslab.com  Mailing/Billing Information  Client Name: Matter   Crowle  Client Name: Matter   Client Old  Address 1: 10 -(H Old  Address 2: Harre de 66  Address 3: 166 455 255  Phone #: 336 455 255  AFTER HOURS (mass be pre-schoolake)  Immediate Date Due: |
| 1. Date/Time RCVD: 2. Date/Time Analyzed: 3. Results Reported To: 4. Comments: |                        | See                     | SAMPLE LOCATION DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | "that Type:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ation (Track Battery                                                                                                                                                                                                                                                |
| 1 1 1 0 0 @ DW Via: 0 DY (Print) By (Print) Via:                               |                        | A facul                 | FOLIME WIPE  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM  FORM | Dave Day  Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Doc Dave Dave Doc Dave Dave Dave Dave Dave Dave Dave Dave | Submittal Information:                                                                                                                                                                                                                                              |
| By resident Sign Sign Sign Sign Sign Sign Sign Sign                            | Date/Time: Consect By: | Date/Time: Contact: By: | Date Time: Contact By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Email: Weys   Q   QTY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 486 Selfumere - Cede Mi)  PO # @ phone # \$\$ 455 2558  In ass rectanguly feasible):  REPORT TO:  REPORT TO:                                                                                                                                                        |
|                                                                                |                        |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (OLD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                     |

# **National Guard Region North**

# National Guard Readiness Center Industrial Hygiene Evaluation Cade Army National Guard Armory Baltimore, MD 21216

#### Prepared for:

National Guard Region North Industrial Hygiene Office 301 Old Bay Lane Havre De Grace, MD 21078

Attn:

Non-Responsive

#### Prepared by:

Bonus Environmental, LLC P.O. Box 121 Mt. Pleasant, Michigan 48804

> Project No. 1061-03 July 22, 2010

#### **Bonus Environmental, LLC**

#### **TABLE OF CONTENTS**

| 1.         | EXECUTIVE S    | UMMARY                                | 1    |
|------------|----------------|---------------------------------------|------|
| 2.         | LEAD SAMPLI    | NG                                    | 2    |
|            | 2.1 Lead Wipe  | Sampling                              | 2    |
|            | 2.2 Lead Air S |                                       | 2 2  |
| <i>3</i> . | PHYSICAL CO    | NDITION OF FACILITY / PERSONNEL CONCE | RS 3 |
|            | 3.1 Lead Base  | d Paint                               | 3    |
|            | 3.2 Presumed   | Asbestos Containing Materials         | 4    |
|            | 3.3 Water Dar  | nage/Mold Growth                      | 4    |
|            | 3.4 Housekeep  | =                                     | 4    |
|            | 3.5 Employee   | Interviews                            | 4    |
|            | 3.6 Indoor Air | Quality                               | 4    |
| 4.         | LIGHTING SU    | RVEY                                  | 6    |
| <i>5</i> . | EVALUATION     | OF ATTACHED GARAGE                    | 8    |
|            | 5.1 Operation  | Description                           | 8    |
|            | *              | aust Ventilation System               | 8    |
| 6.         | CONCLUSION     | r                                     | 8    |

#### **APPENDICES**

Appendix A Shop Diagram

Appendix B Lead Sample Results

Appendix C Photographs

Appendix D References



July 23, 2010 Project No. 1061-03

National Guard Region North Industrial Hygiene Office 301 Old Bay Lane Havre De Grace, MD 21078-4003

Attn: Non-Responsive

Project: Army National Guard Readiness Center, Industrial Hygiene Evaluation

Cade Army National Guard Armory

#### 1.0 - EXECUTIVE SUMMARY

Bonus Environmental, LLC was contracted by the National Guard Bureau Region North to identify and measure the existence and extent of potentially hazardous operations or conditions at the Cade Army National Guard Readiness Center located at 2620 Winchester Street in Baltimore, Maryland. The purpose of this evaluation was to generate or to update a previous baseline evaluation so that employee exposure history can be provided to each civilian and military employee. The following industrial hygiene and safety programs were evaluated during this industrial hygiene evaluation performed by Bonus Environmental, LLC representative Non-Responsive on May 13, 2010:

- Indoor Air Quality
- Use of items on the Hazardous Materials List
- Vehicle maintenance activities
- Lead Wipe & Air Sampling
- Illumination

- Ergonomics
- Evaluation of the physical condition of the facility in regards to peeling paint, asbestos containing materials, water damage or mold problems, and housekeeping practices.

The Cade Readiness Center is an Army National Guard armory comprised of offices, an assembly/drill hall, a kitchen, a boiler room, an attached maintenance garage, a fitness room, and a lounge. The point of contact for this facility was SSgt. Non-Responsive. Five (5) full-time administrative personnel are employed in the approximately 28,300 ft² facility. A shop diagram depicting the locations of the operations identified during this industrial hygiene evaluation is attached to this report as Appendix A.

The National Guard Bureau Region North Industrial Hygiene Office provided governmental furnished equipment and sampling media required to perform the industrial hygiene evaluation. Chain of custody forms for laboratories approved by the National Guard Bureau Region North Industrial Hygiene Office were provided with the sampling media. All samples collected during this industrial hygiene evaluation were sent to the National Guard Bureau Region North Industrial Hygiene Office approved laboratories for analysis.



July 23, 2010 Page 2

#### 2.0 – LEAD SAMPLING

#### 2.1 – Lead Wipe Sampling

Lead wipe sampling was performed according to the EPA method 600/R-93/200(M)-7420 (Atomic Absorption - Flame). Fifteen (15) wipe samples and one (1) field blank were sent under chain-of-custody procedures to AMA Analytical Services, Inc., an AIHA accredited laboratory located in Lanham, Maryland. The National Guard Bureau Region North Industrial Hygiene Office has established/interpreted a threshold of  $200~\mu g/ft^2$  of lead concentration for surface cleanliness. The following table outlines the locations and analytical results for the lead wipe samples collected during this project

| Army National Guard - Cade Readiness Center |                          |                                                                                 |                      |                           |  |  |  |  |
|---------------------------------------------|--------------------------|---------------------------------------------------------------------------------|----------------------|---------------------------|--|--|--|--|
|                                             | Lead Wipe Sample Results |                                                                                 |                      |                           |  |  |  |  |
| Sample #                                    | Sample<br>Date           | Sample Location                                                                 | Sample<br>Area (ft²) | Sample Result<br>(µg/ft²) |  |  |  |  |
| CA-W-1                                      | 5-13-10                  | Field Blank                                                                     |                      | < 12                      |  |  |  |  |
| CA-W-2                                      | 5-13-10                  | Drill hall, SE corner, top of circuit box                                       | 0.111                | < 110                     |  |  |  |  |
| CA-W-3                                      | 5-13-10                  | Drill hall, south wall center, top of light fixture above circuit breaker panel | 0.111                | 750                       |  |  |  |  |
| CA-W-4                                      | 5-13-10                  | Drill hall, NW corner, top of "Amnesty box"                                     | 0.111                | < 110                     |  |  |  |  |
| CA-W-5                                      | 5-13-10                  | Drill hall, floor, west side, on "free throw" line                              | 0.111                | < 110                     |  |  |  |  |
| CA-W-6                                      | 5-13-10                  | Drill hall, floor, east side, on "free throw" line                              | 0.111                | < 110                     |  |  |  |  |
| CA-W-7                                      | 5-13-10                  | Room B1 (Fitness room), on TV stand                                             | 0.111                | < 110                     |  |  |  |  |
| CA-W-8                                      | 5-13-10                  | Room B3 (Enlisted lounge), table top surface                                    | 0.111                | < 110                     |  |  |  |  |
| CA-W-9                                      | 5-13-10                  | Room B6 (Kitchen), top of ice machine                                           | 0.111                | < 110                     |  |  |  |  |
| CA-W-10                                     | 5-13-10                  | Room 112, SE corner, top of bookshelf on desk                                   | 0.111                | < 110                     |  |  |  |  |
| CA-W-11                                     | 5-13-10                  | Room 101A (Lobby), SE corner, top of heating register                           | 0.111                | < 110                     |  |  |  |  |
| CA-W-12                                     | 5-13-10                  | Room 105, top of copy machine                                                   | 0.111                | < 110                     |  |  |  |  |
| CA-W-13                                     | 5-13-10                  | Room 123, near entrance, top of file cabinet                                    | 0.111                | < 110                     |  |  |  |  |
| CA-W-14                                     | 5-13-10                  | Room 114A (Supply office), on work desk surface                                 | 0.111                | < 110                     |  |  |  |  |
| CA-W-15                                     | 5-13-10                  | Room 125 (Garage), east side, work desk surface                                 | 0.111                | 180                       |  |  |  |  |
| CA-W-16                                     | 5-13-10                  | Room 127 (former Battery room), SW corner, on storage shelf KS                  | 0.111                | 490                       |  |  |  |  |

Surface cleanliness threshold =  $< 200 \mu g/ft^2$ 

#### 2.2 – Lead Air Sampling

The purpose of lead air monitoring was to document task-specific activities and corresponding exposures to lead. Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 requires employers whose employees are exposed to lead in the work place, in any quantity, make a determination whether any employee's exposure exceeds the action level (AL) of 30  $\mu$ g/m³ or the



July 23, 2010 Page 3

maximum permissible exposure limit (PEL) of  $50 \mu g/m^3$  as 8-hour time weighted averages (TWAs). If employee exposures are less than  $30 \mu g/m^3$ , training is required under the Hazard Communication 29 CFR 1926.59. Exposures that exceed the AL or PEL require the employer to comply with additional requirements, including air monitoring, additional training, and restricted work practices as outlined in OSHA 29 CFR 1926.62.

Representative fixed area sampling was conducted for potential airborne concentrations of lead in accordance with accepted Industrial Hygiene methods recognized by the National Institute for Occupational Safety and Health (NIOSH) and OSHA.

Lead exposure monitoring was performed in accordance with the EPA method 600/R-93/200(M)-7420 (Atomic Absorption - Flame) with SKC personal air sampling pumps calibrated to 2.0 liters per minute. All samples were collected on 37 mm diameter cassettes with mixed-cellulose ester filters. All sampling pumps were calibrated before and after each use to ensure volume accuracy. Two (2) samples and one (1) field blank were sent under chain-of-custody procedures to AMA Analytical Services, Inc., an AIHA accredited laboratory located in Lanham, Maryland. Analytical results of the lead wipe and air samples are attached to this report as Appendix B.

|              | Army National Guard - Cade Readiness Center<br>Lead Air Sample Results |                                              |     |      |      |     |     |       |     |  |  |
|--------------|------------------------------------------------------------------------|----------------------------------------------|-----|------|------|-----|-----|-------|-----|--|--|
| Sample #     | Sample<br>Type                                                         |                                              |     |      |      |     |     |       |     |  |  |
| May 13, 2010 |                                                                        |                                              |     |      |      |     |     |       |     |  |  |
| CA-A-        | FB                                                                     | Field Blank                                  |     |      |      | 0   | 3   | < 3   | N/A |  |  |
| CA-A-<br>2   | IWA                                                                    | Room 114A (Supply office),<br>SSgt work desk | 2.0 | 0948 | 1526 | 676 | 4.4 | < 4.4 | N/A |  |  |
| CA-A-<br>3   | IWA                                                                    | Room 125, garage work desk                   | 2.0 | 0950 | 1528 | 676 | 4.4 | < 4.4 | N/A |  |  |

**PS** = Personal sample, **IWA** = Inside work area, **N/A** = Not Applicable **Note**: The OSHA PEL of 50  $\mu$ g/m³ is averaged over an 8 hr work shift

#### 3.0 - PHYSICAL CONDITION OF FACILITY / PERSONNEL CONCERNS

#### 3.1 - Lead Based Paint

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC performed a visual inspection of the facility in regards to lead based paint. Bonus Environmental, LLC identified several areas of peeling paint which could potentially pose a lead exposure hazard. These areas include the ceilings of room 118, and lesser localized damage in many rooms. A bulk sample paint chip was collected from the ceiling of room 118. The paint chip sample was sent under chain-of-custody procedures to AMA Analytical Services, Inc. located in Lanham, Maryland for analysis. Sample analysis has indicated that the paint chip sample contained detectable levels of lead. The paint is therefore considered to be lead based paint and all activities that involve lead based paints are regulated by OSHA Lead in Construction Standard, 29 CFR 1926.62. The



July 23, 2010 Page 4

OSHA Lead in Construction Standard does not assign a numerical value of which must be present within the paint to be considered lead based paint. Paints which contain any detectable level of lead shall be treated and handled as lead based paint. HUD defines lead based paint as having greater than 0.5% lead by weight. The paint chip sample collected during this industrial hygiene evaluation did not contain lead in excess of 0.5% by weight. Analytical results are attached to this report as Appendix B.

LeadCheck<sup>TM</sup>, ChromateCheck<sup>TM</sup>, NickelCheck<sup>TM</sup>, and CadmiumCheck<sup>TM</sup> swabs were utilized as a screening method on a horizontal table that has been used during welding activities in the past. Metal-specific swabs were used to test for the presence of cadmium, chromate, lead, and nickel. All swabs gave a negative indication for the given metal contaminant.

#### 3.2 – Presumed Asbestos Containing Materials

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC performed a visual inspection to identify presumed asbestos containing materials (PACM) and, if found, to note their condition. Bonus Environmental, LLC did not identify any PACM that was considered to be in poor or damaged condition.

#### 3.3 - Water Damage/Mold Growth

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC performed a visual inspection to report the location and perform an evaluation of any water damaged or visible mold problems. While no visible fungal growth was noted on the day of the survey, water-damaged building materials were noted on the walls and/or ceilings in room 123A, room 123B, and lesser localized damage in many areas. In addition, it was stated to Bonus Environmental, LLC that building occupants often clean mold-like growth off of building surfaces, and it was evident that "Kilz" or a similar product had been applied in several areas.

#### 3.4 - Housekeeping

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC performed an evaluation of the housekeeping practices. Bonus Environmental, LLC found the housekeeping to be in good order.

#### 3.5 – Employee Interviews

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC performed interviews and made observations to determine if the work activities being performed possessed any ergonomic concerns. Following the interviews and observations, no ergonomic concerns were identified. Building occupants did express concern over the stated continual reappearance of fungal growth in certain locations.

#### 3.6 – Indoor Air Quality

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC measured temperature, relative humidity, carbon monoxide (CO), and carbon dioxide (CO<sub>2</sub>) throughout the facility. A calibrated TSI Q-Trak Model 7565 Indoor Air Quality Monitor equipped with a Q-Trak Probe 982 was utilized to record indoor air quality measurements.



NGB /Cade Army National Guard Readiness Center Project No. 1061-03 July 23, 2010 Page 5

Carbon dioxide is a natural component of air and the amount of CO<sub>2</sub> in a given air sample is commonly expressed as parts per million (ppm). The outdoor air in most locations contains about 380 ppm carbon dioxide. Higher outdoor CO<sub>2</sub> concentrations can be found near vehicle traffic areas, industry and sources of combustion. The concentrations of CO<sub>2</sub> found in most offices are well below the OSHA Permissible Exposure Limit (PEL) of 5,000 ppm when averaged over an 8-hour time period for an industrial workplace. While levels below 5,000 ppm are considered to pose no serious health threat, studies have indicated that individuals in offices with elevated CO<sub>2</sub> concentrations tend to report drowsiness, lethargy and a general sense that the air is stale. Ventilation rates for office spaces are defined by various codes and standards. The most widely accepted standard is the American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) Standard 62. According to ASHRAE Standard 62.1-2007, CO<sub>2</sub> concentrations below 700 ppm above the outdoor level are considered to indicate adequate ventilation and provide human comfort. The CO<sub>2</sub> measurements collected during this industrial hygiene evaluation ranged from 433 ppm to 576 ppm and indicate adequate ventilation within the facility.

Carbon monoxide, also known as the "silent killer," is a colorless, odorless, poisonous gas that results from the incomplete burning of common fuels such as natural or liquefied petroleum gas, oil, wood or coal. When carbon monoxide is inhaled, it enters the blood stream and reduces the ability of the blood to carry oxygen to vital organs, such as the heart and brain. Because it is impossible to see, taste or smell the toxic fumes, CO can harm you before you are aware it is in your work area. At lower levels of exposure, CO causes mild effects that are often mistaken for the flu. These symptoms include headaches, dizziness, disorientation, nausea and fatigue. The effects of CO exposure can vary greatly from person to person depending on age, overall health and the concentration and length of exposure. The OSHA has established a PEL of 50 ppm. OSHA standards prohibit worker exposure to more than 50 parts of the gas per million parts of air averaged during an 8-hour time period. The peak CO level for employees is 200 ppm. The CO measurements collected during this industrial hygiene evaluation ranged from 0.5 ppm to 1.6 ppm. CO levels were well below the OSHA PEL during this industrial hygiene evaluation.

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC collected temperature measurements. Temperature measurements throughout the facility ranged from 65.2°F to 69.3°F and are considered to be within an acceptable range.

During the industrial hygiene evaluation of the Army National Guard Cade Readiness Center, Bonus Environmental, LLC collected relative humidity measurements. Relative humidity measurements throughout the facility ranged from 44.8% to 56.6% and are considered to be within an acceptable range. Indoor air quality measurements recorded during this industrial hygiene evaluation are summarized in the table below.



July 23, 2010 Page 6

| Army National Guard - Cade Readiness Center<br>Indoor Air Quality Measurements |                       |             |                          |                     |  |  |  |  |  |
|--------------------------------------------------------------------------------|-----------------------|-------------|--------------------------|---------------------|--|--|--|--|--|
| Location                                                                       | CO <sub>2</sub> (ppm) | CO<br>(ppm) | Relative<br>Humidity (%) | Temperature<br>(°F) |  |  |  |  |  |
| Outdoors, north side of building                                               | 396                   | 2.9         | 55.3                     | 57.8                |  |  |  |  |  |
| Room 102 (Conference room)                                                     | 540                   | 0.5         | 56.6                     | 65.9                |  |  |  |  |  |
| Room 105                                                                       | 576                   | 0.9         | 47.7                     | 69.1                |  |  |  |  |  |
| Room 101A (Lobby)                                                              | 481                   | 1.0         | 44.9                     | 69.3                |  |  |  |  |  |
| Room 123A                                                                      | 468                   | 1.5         | 47.6                     | 69.0                |  |  |  |  |  |
| Room 101, center of Drill hall                                                 | 438                   | 1.3         | 44.8                     | 68.8                |  |  |  |  |  |
| Room 125                                                                       | 433                   | 1.6         | 47.6                     | 65.2                |  |  |  |  |  |
| Room 114A (Supply)                                                             | 526                   | 0.9         | 47.2                     | 66.7                |  |  |  |  |  |
| Room 112                                                                       | 456                   | 0.8         | 47.1                     | 66.9                |  |  |  |  |  |
| Room B1 (Fitness room)                                                         | 447                   | 0.9         | 47.0                     | 67.2                |  |  |  |  |  |
| Room B7 (Boiler room)                                                          | 520                   | 1.1         | 48.0                     | 67.5                |  |  |  |  |  |

#### Required/Recommended Values

CO<sub>2</sub> - OSHA PEL = 5,000 ppm and ASHRAE Standard 62.1-2007 = no greater than 700 ppm above outdoor

CO - OSHA PEL = 50 ppm and OSHA Ceiling Limit = 200 ppm

**Temperature** - ASHRAE Standard 55-2004 = between approximately 67 and 82 °F.

RH - ANSI/ASHRAE Standard 62.1-2007 = <65%

#### 4.0 - LIGHTING

Utilizing a properly calibrated Cooke Corporation cal-Light 400 light meter, Bonus Environmental, LLC collected illumination readings throughout the facility. Illumination measurements recorded during this industrial hygiene evaluation are summarized in the table below.

| Army National Guard - Cade Readiness Center Lighting Survey |                             |                                |                     |  |  |  |  |  |
|-------------------------------------------------------------|-----------------------------|--------------------------------|---------------------|--|--|--|--|--|
| Location                                                    | Measurement in Foot Candles | Requirement in Foot<br>Candles | Requirement<br>Met? |  |  |  |  |  |
| Room B1 – Fitness room                                      | 49.5                        | 30                             | YES                 |  |  |  |  |  |
| Room B1A - Storage                                          | 72.4                        | 30                             | YES                 |  |  |  |  |  |
| Room B2 – Restroom                                          | 4.6                         | 5                              | NO                  |  |  |  |  |  |
| Room B3 – Lounge                                            | 89.7                        | 10                             | YES                 |  |  |  |  |  |
| Room B3A – Storage                                          | 12.3                        | 30                             | NO                  |  |  |  |  |  |
| Room B4 – Storage                                           | 33.5                        | 30                             | YES                 |  |  |  |  |  |
| Room B5 – Conference room                                   | 62.1                        | 30                             | YES                 |  |  |  |  |  |
| Room B6 – Kitchen                                           | 83.9                        | 10                             | YES                 |  |  |  |  |  |
| Room B7 – Boiler room                                       | 26.6                        | 30                             | NO                  |  |  |  |  |  |
| Room 113 – Office                                           | 69.7                        | 50                             | YES                 |  |  |  |  |  |
| Room 113A – Office                                          | 51.4                        | 50                             | YES                 |  |  |  |  |  |
| Room 113B – Office                                          | 55.8                        | 50                             | YES                 |  |  |  |  |  |
| Room 112 – Office                                           | 55.7                        | 50                             | YES                 |  |  |  |  |  |
| Room 112A – Office                                          | 84.4                        | 50                             | YES                 |  |  |  |  |  |
| Room 112B – Office                                          | 82.1                        | 50                             | YES                 |  |  |  |  |  |
| Room 111 – Office                                           | 71.2                        | 50                             | YES                 |  |  |  |  |  |
| Room 111A – Office                                          | 63.1                        | 50                             | YES                 |  |  |  |  |  |



July 23, 2010 Page 7

| Army National Guard - Cade Readiness Center<br>Lighting Survey |                             |                                |                     |  |  |  |  |  |
|----------------------------------------------------------------|-----------------------------|--------------------------------|---------------------|--|--|--|--|--|
| Location                                                       | Measurement in Foot Candles | Requirement in Foot<br>Candles | Requirement<br>Met? |  |  |  |  |  |
| Room 111B – Office                                             | 67.6                        | 50                             | YES                 |  |  |  |  |  |
| Hallway outside of room 111                                    | 4.5                         | 5                              | NO                  |  |  |  |  |  |
| Room 110 – Office                                              | 33.3                        | 50                             | NO                  |  |  |  |  |  |
| Room 110A – Office                                             | 34.2                        | 50                             | NO                  |  |  |  |  |  |
| Men's restroom                                                 | 1.3                         | 5                              | NO                  |  |  |  |  |  |
| Room 101A – Entrance foyer                                     | 5.4                         | 5                              | YES                 |  |  |  |  |  |
| Room 108 – Office                                              | 5.8                         | 50                             | NO                  |  |  |  |  |  |
| Room 106 – Office                                              | 52.0                        | 50                             | YES                 |  |  |  |  |  |
| Room 106A – Office                                             | 74.6                        | 50                             | YES                 |  |  |  |  |  |
| Room 105 – Office                                              | 63.7                        | 50                             | YES                 |  |  |  |  |  |
| Room 104 – Office                                              | 53.1                        | 50                             | YES                 |  |  |  |  |  |
| Room 104A – Office                                             | 50.1                        | 50                             | YES                 |  |  |  |  |  |
| Room 102 – Conference room                                     | 84.6                        | 30                             | YES                 |  |  |  |  |  |
| Room 123 – Storage                                             | 14.5                        | 30                             | NO                  |  |  |  |  |  |
| Room 123A – Storage                                            | 13.2                        | 30                             | NO                  |  |  |  |  |  |
| Room 123B – Storage                                            | 7.1                         | 30                             | NO                  |  |  |  |  |  |
| Room 121 – Restroom                                            | 5.7                         | 5                              | YES                 |  |  |  |  |  |
| Room 101 – Drill hall                                          | 26.0                        | 30                             | NO                  |  |  |  |  |  |
| Room 119 – Locker room                                         | 15.4                        | 7                              | NO                  |  |  |  |  |  |
| Room 119A – Locker room                                        | 47.4                        | 7                              | YES                 |  |  |  |  |  |
| Room 119B – Storage                                            | 18.8                        | 30                             | NO                  |  |  |  |  |  |
| Room 124 – Storage                                             | 13.3                        | 30                             | NO                  |  |  |  |  |  |
| Room 125 – Maintenance garage                                  | 39.8                        | 75                             | NO                  |  |  |  |  |  |
| Room 126 – Office                                              | 4.9                         | 50                             | NO                  |  |  |  |  |  |
| Room 127 – Former Battery room                                 | 11.8                        | 30                             | NO                  |  |  |  |  |  |
| Room 118A – Locker room                                        | 23.3                        | 7                              | YES                 |  |  |  |  |  |
| Room 118 – Locker room                                         | 18.6                        | 7                              | YES                 |  |  |  |  |  |
| Room 114 – Locker room                                         | 38.2                        | 7                              | YES                 |  |  |  |  |  |
| Room 114A – Supply office                                      | 25.3                        | 50                             | NO                  |  |  |  |  |  |
| Room 116 – Women's restroom                                    | 2.2                         | 5                              | NO                  |  |  |  |  |  |
| Vaults 115, 117, 120, 122                                      |                             | Inaccessible                   |                     |  |  |  |  |  |
| Room 107                                                       |                             |                                |                     |  |  |  |  |  |
| Room 103 – Recruiting office                                   |                             | Inaccessible                   |                     |  |  |  |  |  |

Lighting levels were compared to the levels outlined within the ANSI/IESNA RP-1-04 Office Lighting Handbook, and the ANSI/IESI RP-7-01 Lighting Industrial Facilities Handbook. Areas within the facility which did not meet the foot candle requirements are identified with a "NO" within the Requirement Met? column. It is recommended that illumination be improved in all the areas that did not meet the requirements. Improving illumination can be achieved by replacing burned-out lamps/bulbs, cleaning fixtures, relocating detailed work activities to more illuminated areas, and using supplemental task lighting.



July 23, 2010 Page 8

#### 5.0 – EVALUATION OF ATTACHED GARAGE

#### 5.1 – Operational Description - Readiness Center

Five administrative (and no maintenance personnel) are assigned to the Cade Readiness Center to provide space for units to support and train soldiers. No vehicle maintenance typically occurs during the normal work hours of Tuesday-Friday, 0630-1700. The attached garage includes two bays, each of which include vehicle exhaust ventilation (one of which is damaged and thus inoperable). Personal protective equipment including leather gloves, nitrile gloves, ear plugs, and safety glasses are available to all employees who work within the attached garage. No maintenance or other activities were conducted in the garage on the day of the IH evaluation.

#### 5.2 – Local Exhaust Ventilation System

Exhaust ventilation systems were identified in the Cade Readiness Center facility during the industrial hygiene evaluation. The ventilation system consisted of a central exhaust fan and series of flexible trunks of ductwork. The central exhaust fan was centrally located and exhausted directly to the outdoors through the roof. The exhaust ventilation system was installed for the purpose of removing diesel exhaust fumes. A TSI VelociCalc 9555 Multiparameter Ventilation Monitor was utilized to collect multiple measurements of the face velocity of each flexible trunk of ductwork. The table below details the results of the ventilation system evaluation in the Cade Readiness Center facility.

| Army National Guard - Cade Readiness Center<br>Vehicle Exhaust - Ventilation System Evaluation |                                            |                                        |                              |                        |  |  |  |  |
|------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------|------------------------------|------------------------|--|--|--|--|
| Location                                                                                       | Measured<br>Average Face<br>Velocity (fpm) | Calculated<br>Volumetric Flow<br>(cfm) | Area of the<br>Opening (ft²) | Sufficient Air<br>Flow |  |  |  |  |
| Room 125 – Bay #1                                                                              | Overhead Exhaust damaged                   |                                        |                              |                        |  |  |  |  |
| Room 125 – Bay #2                                                                              | 3063                                       | 1654                                   | 0.54                         | YES                    |  |  |  |  |

**cfm** = cubic feet per minute, calculated by multiplying the measured face velocity by the area of the opening, **fpm** = feet per minute, **calculated reference value** = 855 acfm

Figure VS-85-02 on page 13-151 of the ACGIH "A Manual of Recommended Practice for Design, 26th Edition" specifies that tailpipe exhaust ventilation volumes for operating engines connected directly to a tailpipe exhaust system are to be determined by the engine displacement, the engine RPM, and tailpipe exhaust temperature, plus a 20% safety factor. The largest types of vehicles serviced within the Maintenance Shop are M923A2, 5 ton cargo trucks equipped with a Cummins NHC 250 8.3 Liter diesel engine which operates at 1,700 RPM. Based on an average tailpipe temperature of 300°F, the minimum required volume flow rate of the overhead exhaust system used to control emissions from the fumes of diesel exhaust was calculated to be 855 acfm (actual cubic feet per minute). The representative exhaust duct systems tested in the Cade Readiness Center facility did provide sufficient air flow.

#### 6.0 - CONCLUSION

Bonus Environmental, LLC was contracted by the National Guard Bureau Region North to identify and measure the existence and extent of potentially hazardous operations or conditions at the Cade Army National Guard Readiness Center located at 2620 Winchester Street in Baltimore, Maryland.



July 23, 2010 Page 9

The purpose of this evaluation was to generate or to update a previous baseline evaluation so that employee exposure history can be provided to each civilian and military employee. An industrial hygiene evaluation of the facility was performed by Bonus Environmental, LLC representative Jeff Walworth on May 13, 2010.

Bonus Environmental, LLC recommends that any areas of concerns outlined within this report be evaluated to ensure the necessary actions are made. Following the completion of the industrial hygiene evaluation, Bonus Environmental, LLC found the following safety and/or indoor air quality conditions of the facility to be within acceptable levels/condition in regards to the following:

- Carbon Dioxide
- Carbon Monoxide
- Presumed Asbestos Containing Materials
- Housekeeping

- Lead Air Samples
- Ergonomics
- Temperature
- Relative Humidity

Air sampling was not conducted during this industrial hygiene evaluation for metal welding fumes, as this task was not performed during this industrial hygiene evaluation. It is recommended that air sampling be performed during the next scheduled industrial hygiene evaluation for metal welding fumes if welding activities are conducted within this facility.

It has been a pleasure to be of assistance to you. Please contact us if you have any questions concerning this report or if we can be of any further assistance in any other environmental or occupational health matter.

Sincerely,

Non-Responsive

Non-Responsive

Principal Bonus Environmental, LLC Non-Responsive

Non-Responsive

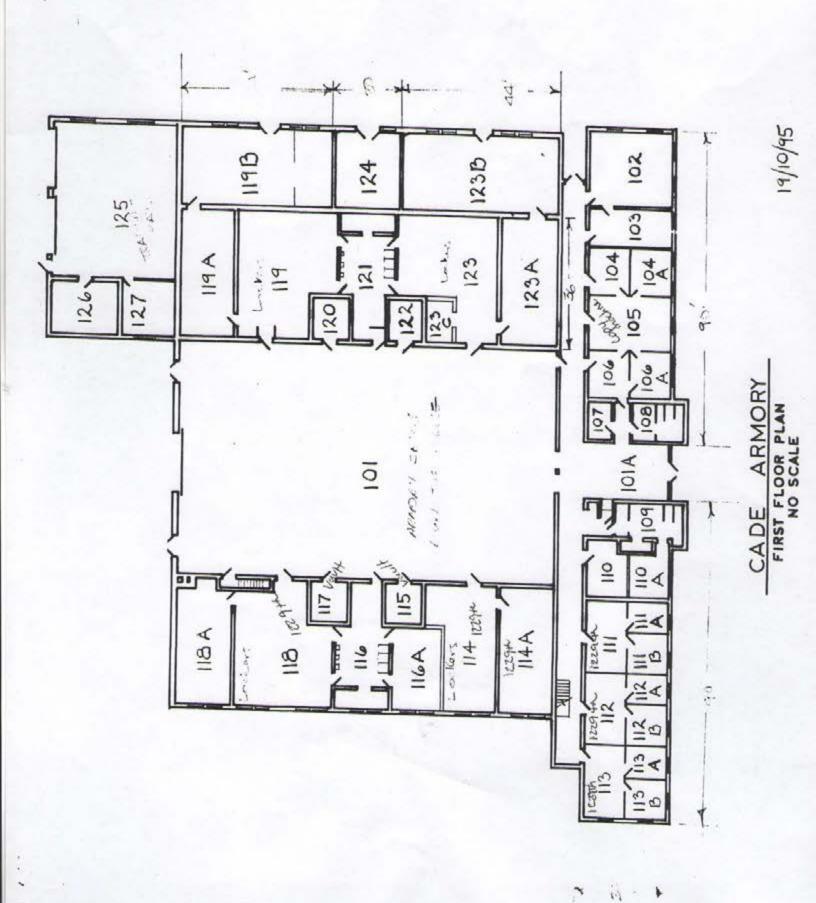
Principal

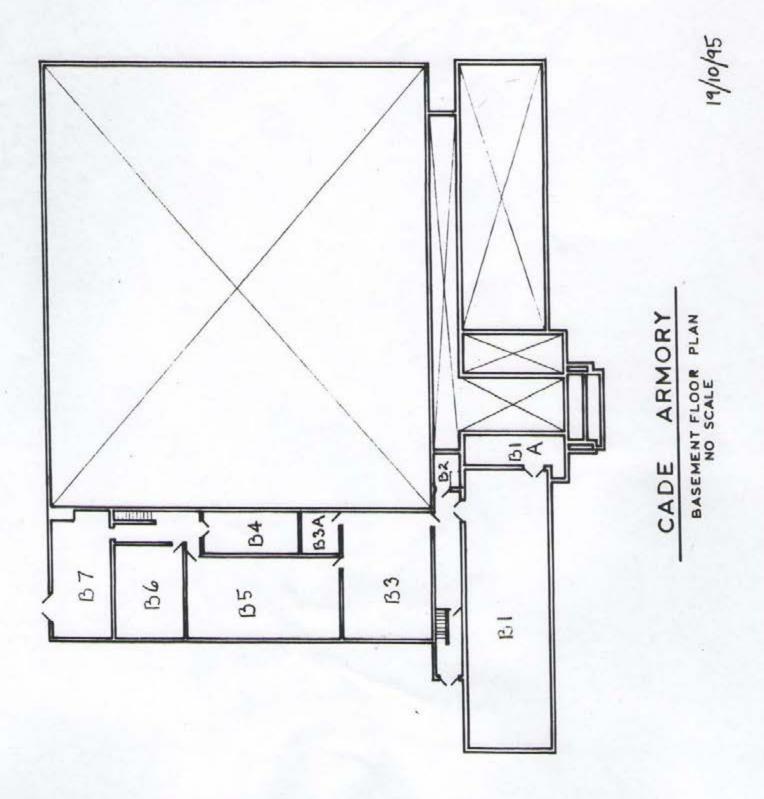
Bonus Environmental, LLC

Cade\_10\_Report.docx

<u>Appendix A</u>

Shop Diagram





## Appendix B

Lead Sample Results



A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Cade Armory

Chain Of Custody:

507128

NY ELAP

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Baltimore, MD

Date Submitted:

5/14/2010

10920

State Military Reservation Havre de Grace, Maryland 21078

Job Number: P.O. Number: Cade Armory

W912K6-09-A-0003

Person Submitting: Date Analyzed:

5/20/2010

5/21/2010

Report Date:

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | -     | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | -      | orting<br>imit | Total ug | Final Res | ult | Comments |
|----------------------|-------------------------|-------|---------------|-------------|-------------------|---------------------|--------|----------------|----------|-----------|-----|----------|
|                      |                         | Flame | Paint Chip    | ****        | N/A               | 0.0093              | %РЬ    |                | 0.3      | %Pb       |     |          |
| 1046622              | CA-A-1                  | Flame | Air Blank     | 0           | N/A               | 3                   | ug/m³  |                | <3       | ug        |     |          |
| 1046623              | CA-A-2                  | Flame | Air           | 676         | N/A               | 4.4                 | ug/m³  | <3             | <4.4     | ug/m³     |     |          |
| 1046624              | CA-A-3                  | Flame | Air           | 676         | N/A               | 4.4                 | ug/m³  | <3             | <4,4     | ug/m³     |     |          |
| 1046625              | CA-W-1                  | Flame | Wipe Blank    | ****        | N/A               | 12                  | ug     |                | <12      | ug        |     |          |
| 1046626              | CA-W-2                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/fl²    |     |          |
| 1046627              | CA-W-3                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | 84             | 750      | ug/ft²    |     |          |
| 1046628              | CA-W-4                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/fl²    |     |          |
| 1046629              | CA-W-5                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046630              | CA-W-6                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/fl²    |     |          |
| 1046631              | CA-W-7                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046632              | CA-W-8                  | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/fl²    |     |          |
| 1046633              | CA-W-9                  | Flame | Wipe          | ****        | 0.111             | 110                 | ng/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046634              | CA-W-10                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046635              | CA-W-11                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046636              | CA-W-12                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046637              | CA-W-13                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046638              | CA-W-14                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | <12            | <110     | ug/ft²    |     |          |
| 1046639              | CA-W-15                 | Flame | Wipe          | ****        | 0.111             | 110                 | ug/ft² | 20             | 180      | ug/ft²    |     |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#100470), NVLAP (10BEST-AWANDAMAERIOFIY (#10920) Accredited Laboratory FOIA Requested Record #J-15-0085 (MD) Posted to NGB FOIA Reading Room 4475 Forbes Blvd. · Lanham, MD, 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2643 Released by National Guard Bureau May, 2018 Page 998 of 5269

# AMA Analytical Services, Inc.

BEST AVAILABLE COPY



A Specialized Environmental Laboratory

#### CERTIFICATE OF ANALYSIS



Client:

National Guard Bureau

Job Name:

Cade Armory

Chain Of Custody:

507128

Address:

301-IH Old Bay Lane, Attn: NGB-AVN-SI,

Job Location:

Baltimore, MD

Date Submitted:

5/14/2010

5/20/2010

NY ELAP 10920

State Military Reservation

Hayre de Grace, Maryland 21078

Job Number: P.O. Number: Cade Armory

W912K6-09-A-0003

Person Submitting: Date Analyzed:

associated with these sampes.

samples.

Report Date:

5/21/2010

Attention:

#### Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) | Reporting<br>Limit | Total ug | Final Result | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|--------------------|----------|--------------|----------|
|                      | 4.7.5                   |               |             |                   | - AT -              |                    |          |              |          |
| 1046640              | CA-W-16                 | Flame         | Wipe        | ***               | 0.111               | 110 ng/ft²         | 54       | 490 ug/fl²   |          |

Analyst:

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B

N/A = Not Applicable

%Pb = percent lead by weight

ug = micrograms

ug/L = parts per billion (ppb)

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results Final results for air and wipe samples are based on client supplied information nor verified by this laboratory.

See QC Summary for analytical results of quality control samples

NY ELAP accreditation applies only to paint chip, wipe, and soil

Technical Manager

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

OV0 (410) 247-2024

159202

507128

Sheet 1 of 2

#### www.amalab.com AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) (Please Refer To This CHAIN OF CUSTODY 4475 Forbes Blvd. • Lanham, MD 20706 Number For Inquires) (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 Mailing/Billing Information: Submittal Information: Client Name: National Guard Bureau Cade Armory 1. Job Name: 2. Address I: 301-IH Old Bay Lane Baltimore, MP 2. Job Location: 3. Address 2: Attn: NGB-AVN-SI, State Military Reservation 3. Job#: Cade Armory 4. Address 3: Havre de Grace, Maryland 21078 #: W912K6-09-A-0003 4. Contact Person 5. Phone #: (410) 942-0273 Fax #: (410) 942-0254 5. Submitted by: Reporting Information (Results will be provided as soon as technically feasible): AFTER HOURS (must be pre-scheduled) NORMAL BUSINESS HOURS Immediate Date Due: ... ☐ Immediate O 3 Day 24 Hours Time Due:\_ Results Required By Noon XI Include X5 Day + 5-21-10 Next Day Comments: (EveryAttempt Will Be & Kniall Benvironmentalicom Q 2 Day Made to Accomodate) D Fax:\_S rmy.mil Asbestos Analysis Verbals PCM Air - Please Indicate Filter Type: TEM Bulk Metals Analysis □ NIOSH 7400.\_\_\_\_(QTY) ☐ ELAP 198.4/Chatfield.\_\_\_\_ NY State PLM/TEM\_\_\_\_\_ ☐ Fiberglass \_\_\_\_\_ TEM Air - Please Indicate Filter Type: ☐ Residual Ash\_\_\_\_\_(OTY) XI Pb Air \_\_\_\_\_ ☐ AHERA \_\_\_\_(QTY) TEM Dust Pb Soil/Solid ☐ NIOSH 7402 \_\_\_\_ Oual. (pres/abs) Vacuum/Dust\_ □ Pb TCLP\_\_\_\_ \_(QTY) Other (specify\_\_\_\_ ☐ Quan. (s/area) Vacuum D5755-95 \_\_\_\_\_(QTY) ☐ Drinking Water ☐ Pb\_\_\_(QTY) ☐ Cu\_\_\_(QTY) ☐ As\_\_\_(QTY) PLM Bulk ☐ Quan. (s/area)Dust D6480-99\_\_\_\_ ☐ Waste Water ☐ Pb (QTY) ☐ Cu (QTY) ☐ As (QTY) ☐ EPA 600 - Visual Estimate\_\_\_\_ TEM Water ☐ Pb Furnace (Media \_\_\_\_\_\_) \_\_\_\_\_(QTY) CI EPA Point Count \_\_\_\_\_\_(QTY) Oual. (pres/abs)\_\_\_\_ Fungal Analysis NY State Friable 198.1 \_\_\_\_ ☐ ELAP 198.2/EPA 100.2\_\_\_\_ U Grav. Reduction ELAP 198.6\_\_\_\_\_(QTY) Collection Apparatus for Spore Traps/Air Samples:... ☐ EPA 100.1\_\_\_\_\_(QTY) Collection Media\_\_\_ Other (specify.... MISC ☐ Spore-Trap\_\_\_\_(QTY) All samples received in good condition unless otherwise noted. ☐ Surface Vacuum Dust\_ ☐ Surface Swab \_\_\_\_\_(QTY) □ Vermiculite (TEM Water samples \_\_\_\_\_\_ °C) ☐ Asbestos Soil FLM\_(Qual) PLM\_(Quan) PLM/TEM\_(Qual) PLM/TEM\_(Quan) ☐ Surface Tape.....(QTY) -1 Culturable ID Species (Media\_\_\_ ☐ Other (Specify \_\_\_\_\_) \_\_\_\_(QTY) SAMPLE INFORMATION CLIENT ID SAMPLE LOCATION/ VOLUME WIPE CLIENT CONTACT NUMBER IDENTIFICATION (LITERS) AREA CA-PC-(LABORATORY STAFF ONLY) Date/Time: icld Blank Contact: By: 0 \_ CA-A-2 \_\_\_\_ CA-A-3 676 \* CA-W-Fitta Blank X CA-W- A Date/Time: Contact: 1"× 41" By: ¥ CA-W-3 Prin Hall CA-W-4 $Q(0) \cdot H_{2}(1)$ CA-W-5 DOIL HALL CA-W-6 Date/Time: ווגאר ומים Contact: By: CA-W-7 Run B CA -W-8 Kn. B 3 1. Date/Time RCVD: LABORATORY By (Print): Sign: STAFF ONLY:

2. Date/Time Analyzed: \_

AMA Analytical Services, Inc.

Focused on Results

3. Results Reported To:\_\_\_\_\_

(CUSTODY)

May, 2018

Posted to NGB FOIA Reading Rooments: \_

BEST AVAILABLE COPY

FOIA Requested Record #Jn15/1085 (MD) Released by National Guard Bureau

Page 1000 of 5269

OWI (410) 247-2024

159202

(Please Refer To This Number For Inquires)

CHAIN OF CUSTODY 4475 Forbes Blvd. . Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 Mailing/Billing Information: Submittal Information: Client Name: National Guard Bureau L. Job Name: 2. Address 1: 301-IH Old Bay Lane 2. Job Location: 3. Address 2: Attn: NGB-AVN-SI, State Military Reservation 3. Job#: Cade 4. Address 3: Havre de Grace, Maryland 21078 W912K6-09-A-0003 4. Contact Person 5. Phone #: (410) 942-0273 Fax #: (410) 942-0254 5. Submitted by: Reporting Information (Results will be provided as soon as technically feasible): AFTER HOURS (must be pre-scheduled) NORMAL BUSINESS HOURS ☐ Immediate Date Due: ... REPORT TO ☐ Immediate 24 Hours XI Include Time Due: Results Required By Noon Next Day Date Due: 5-21-10 Results Required By No Comments:.. 20 Rmail: ivsenvironmental dom O 2 Day Made to Accomodate) O Pax: 5 army.mi U Verbals army.mil Asbestos Analysis TEM Bulk PCM Air - Please Indicate Filter Type: Metals Analysis ☐ NIOSH 7400\_\_\_\_\_ ☐ ELAP 198.4/Chatfield\_\_\_\_ Pb Paint Chip ☐ NY State PLM/TEM\_\_\_\_\_(QTY) ☐ Fiberglass \_\_\_\_\_ Pb Dust Wine (wipe type Ghost) TEM Air - Please Indicate Filter Type: Residual Ash\_\_\_\_ .....(OTY) AHERA (QTY) TEM Dust Pb Soil/Solid\_ \_(QTY) ☐ NIOSH 7402 \_\_\_\_ Qual. (pres/abs) Vacuum/Dust\_\_ ☐ Pb TCLP\_ \_(QTY) Other (specify\_\_\_\_\_)\_\_\_\_ ☐ Ouan, (s/area) Vacuum D\$755-95 ☐ Drinking Water ☐ Pb\_\_\_\_(QTY) ☐ Cu\_\_\_(QTY) ☐ As\_\_\_(QTY) PLM Bulk ☐ Quan. (s/area)Dust D6480-99\_\_\_\_ ☐ Waste Water ☐ Pb\_\_\_\_(QTY) ☐ Cu\_\_\_\_(QTY) ☐ As\_\_\_\_(QTY) ☐ EPA 600 - Visual Estimate TEM Water ☐ Pb Furnace (Media \_\_\_\_\_\_) \_\_\_\_\_(OTY) ☐ EPA Point Count \_\_\_\_\_(QTY) Qual. (pres/abs)\_\_\_ Fungal Analysis NY State Friable 198.1 \_\_\_\_ ☐ ELAP 198.2/EPA 100.2\_\_\_\_ Collection Apparatus for Spore Traps/Air Samples:\_ Grav. Reduction ELAP 198.6\_\_\_\_ ☐ EPA 100.1\_\_\_\_\_ Collection Media\_\_\_ Other (specify\_\_\_\_ <u>MISC</u> All samples received in good condition unless otherwise noted. ☐ Spore-Trap \_\_\_\_\_(QTY) ☐ Surface Vacuum Dust ☐ Surface Swab \_\_\_\_\_(QTY) ☐ Vermiculite (TEM Water samples \_\_\_\_\_\_\_C) \_I Culturable ID Genus (Media\_ Q Asbestos Soil PLM\_(Qual) PLM\_(Quar) PLM/TEM\_(Qual) PLM/TEM\_(Quar) ☐ Surface Tape\_\_\_\_\_ (QTY) ☐ Culturable ID Species (Media\_ ☐ Other (Specify\_\_\_\_)\_\_\_(QTY) SAMPLE INFORMATION ANALYSIS CLIENT ID SAMPLE LOCATION VOLUME WIPE CLIENT CONTACT NUMBER IDENTIFICATION (LITERS) AREA CA-W-9 Rn 186 (LABORATORY STAFF ONLY) 4">4" CA-W-10 Date/Time: Rm 112 Contact: Bv: CA -W-11 LODBX 101A \_ 105 X-CA -W- 13 CA-W-14 Date/Time: Contact: By: CA -W-15 RM 125 CA -41-16 BM 127 Date/Time: Contact: By: Ion-Respons 1. Date/Time RCVD: LABORATORY Sign: 2. Date/Time Analyzed: STAFF ONLY:

BEST AVAILABLE COPY

Date:

(CUSTODY) Posted to NGB FOIA Reading Rooments: \_

May, 2018

3. Results Reported To:\_

AMA Analytical Services, Inc.

www.amalab.com AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

Focused on Results

FOIA Requested Record #Jni 19 0085 (MD) Released by National Guard Bureau Page 1001 of 5269

Appendix C

**Photographs** 

July 23, 2010 Page 13



Cade Readiness Center Sign



Men's restroom, water damaged ceiling



Room 125, safety board



Building exterior, east entrance



Room 125 (Garage), exterior



Room 125, vehicle exhaust system





Room 125, used oil storage



Room 127, PPE board



Room 118, peeling LBP on ceiling



Room 125, flammable cabinet



Room 127, emergency shower/eyewash station

<u>Appendix D</u>

References



July 23, 2010 Page 16

- 1. Department of Defense Instruction (0001) 6055.1, Department of Defense Occupational Safety and Health (OS H) Program, August 19, 1998.
- 2. Army Regulation (AR) 11-34, The Army Respiratory Protection Program, February 15, 1990.
- 3. DA PAM 40-503, Medical Service, Industrial Hygiene Program, October 30, 2000.
- 4. Technical Manual (T.M) 5-810-1, Mechanical Design, Heating, Ventilation, and Air Conditioning, June 1991.
- 5. Threshold Limit Values (TLVs) and Biological Exposure Indices (BEls), American Conference of Governmental Industrial Hygienists (ACGIH), current edition.
- 6. Industrial Ventilation A Manual of Recommended Practices, American Conference of Governmental Industrial Hygienists (ACGIH), current edition.
- 7. UFC 3-410-01 FA Heating, Ventilating, and Air Conditioning, 15 May 2003
- 8. Occupational Safety and Health Administration (OSHA) Lead in Construction Standard, 29 CFR 1926.62
- 9. OSHA Lead Standard 29 CFR 1910.1025
- 10. OSHA Respiratory Protection Standard 29 CFR 1910.134
- 11. Army Regulation (AR) 385-10, The Army Safety Program, August 23, 2007.
- 12. RP-1-2004, Office Lighting, Illuminating Engineering Society of North America (IESNA)/ANSI.
- 13. RP-7-2001, Industrial Lighting, (IESNA)/ANSI.
- 14. The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), Standard 62.1-2007, "Ventilation for Acceptable Indoor Air Quality".
- 15. ASHRAE Standard 55-2004 "Thermal Environmental Conditions for Human Occupancy"
- 16. Title 24, CFR, Part 35, Subpart B, Sections 35.110, Definitions of Lead-Based Paint, Housing and Urban Development, U.S. Department of Housing.
- 17. OSHA Personal Protective Equipment 29 CFR 1910.132
- 18. OSHA Permissible Exposure Limit (PEL) for General Industry 29 CFR 1910.1000 Z-1 Table
- 19. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health and Mental Hygiene, November 2008.



NGB/ Cade Army National Guard Readiness Center Project No. 1061-03 July 23, 2010 Page 17

- 20. Mold Remediation in Schools and Commercial Buildings, U.S. Environmental Protection Agency, March 2001
- 21. Army Facilities Management Information Document on Mold Remediation Issues TG277, February 2002
- 22. OSHA Welding, Cutting, Brazing 29 CFR 1910.252



1215 Manor Drive, Suite 205 Mechanicsburg, PA 17055 Phone: 717.590.7031 Fax: 717.590.7936 www.complianceplace.com

# Industrial Hygiene Survey Report

National Guard Facility Cade Readiness Center

Prepared For: National Guard Bureau Region North IH

301-IH Old Bay Lane

Havre de Grace, MD 21078

Survey Location: Cade Readiness Center

2620 Winchester Street Baltimore, MD 21216-449

Prepared By: Compliance Management International, Inc.

1215 Manor Drive

Suite 205

Mechanicsburg, PA 17055

Survey Date: October 9, 2013

Report Date: December 16, 2013



Manager, Industrial Hygiene Services

### BEST AVAILABLE COPY

# **Table of Contents**

| Section 1.0 Executive Summary                              | 3  |
|------------------------------------------------------------|----|
| Section 2.0 Operation Description & Observations           | 4  |
| Section 3.0 Lead Testing                                   | 5  |
| Section 4.0 Lighting                                       | 7  |
| Section 5.0 Indoor Air Quality                             | 8  |
| Section 6.0 Suspect Asbestos Containing Building Materials | 10 |
| Section 7.0 Equipment                                      | 11 |
| Section 8.0 Limitations                                    | 12 |
| Appendix A. Laboratory Analysis Report                     | 13 |
| Appendix B. Photographs                                    | 14 |
| Appendix C. Floor Plan                                     | 15 |
| Annendiy D. References                                     | 16 |

## **Section 1.0 Executive Summary**

An industrial hygiene survey was conducted on October 9, 2013, at the Cade Readiness Center located at 2620 Winchester Street, Baltimore, MD 21216. The survey was performed by Mr. Non-Responsive and Mr. Non-Responsive.

- 1. Lead surface and air levels were less than the analytical detection limits at all of the locations sampled. See Section 3.0 for detailed sampling results.
- 2. Lighting levels did not meet the American National Standards Institute/Illuminating Engineering Society of North America (ANSI/IESNA) recommended guideline in two locations. See Section 4.0 for detailed findings.
- 3. Indoor air quality (IAQ) parameters of temperature, relative humidity, carbon monoxide and carbon dioxide (ventilation) were evaluated during the assessment.
  - a. Temperature levels met the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) 55-2010 recommended guideline of 68-79 °F in areas sampled.
  - b. The relative humidity levels met the US Army Center for Health Promotion and Preventive Medicine (USACHPPM) TG 277 recommended guideline of 30-60% in areas sampled.
  - c. Carbon monoxide (CO) levels were less than the National Ambient Air Quality Standard (NAAQS) recommended ceiling of 9 parts per million (ppm).
  - d. Carbon dioxide (CO<sub>2</sub>) levels met the ASHRAE 62.1-2013 recommended guidelines for mechanically ventilated office buildings and commercial settings.

See Section 5.0 for detailed sampling results.

5. This facility has a vehicle maintenance shop with an overhead vehicle exhaust system. The system was inoperable at the time of this survey, therefore not tested.

## **Section 2.0 Operation Description & Observations**

The Cade Readiness Center is mainly an administrative facility with a drill hall, offices, and classrooms. There were five (5) full-time employees stationed at the facility at the time of this survey. There is no maintenance person assigned to the building.

The building is reported to have been built in 1959. It is a single story structure with a basement. The exterior is brick and concrete. The interior walls are drywall, block, concrete, ceramic, and wood paneling. The floors are wood, concrete, 12"x12" floor tiles, 9" x 9" floor tiles, and ceramic tile.

The heating system is a gas-fired hot water unit. Air conditioning in the facility is supplied by a roof-top unit.

There is no child-care facility in the building.

No ergonomic concerns were reported. Office areas have computer work stations. Work stations appeared to be properly designed. Personnel had supportive chairs.

This facility contains a converted firing range (CFR) being used as a gym.

No suspect asbestos containing material (ACM) or lead-based paint was observed at the time of this survey.

Housekeeping is adequate.

It was reported that the building has several roof leaks.

Water damaged ceiling tiles were observed in several locations in the facility.

The facility has an attached vehicle maintenance garage that is used for performing light maintenance during the weekend only.

## **Section 3.0 Lead Testing**

Various surfaces within the facility were screened for lead using surface/wipe samples. Surface/wipe samples were collected in accordance with the American Society for Testing and Materials (ASTM) E 1792 protocols. Air samples were collected using 0.8 micrometer (um) mixed cellulose ester (MCE) filter cassettes attached to low volume air sampling pumps. Blank samples were submitted to the laboratory for quality control purposes. Samples were sent to AMA Analytical Services, Inc., in Lanham, Maryland, for lead analysis using Environmental Protection Agency (EPA) Method 600/R-93/200 (M)-7420. A copy of the laboratory analysis report can be found in Appendix A.

## **Lead Testing Results Summary**

| Sample # | Location                   | Air<br>ug/m³ | Surface<br>ug/ft <sup>2</sup> |
|----------|----------------------------|--------------|-------------------------------|
| 1        | Drill Hall                 | <11          | *                             |
| 2        | CFR                        | <11          | *                             |
| 3        | Blank                      | <3           | *                             |
| 4        | Blank                      | *            | <12                           |
| 5        | Drill hall Floor Center    | *            | <110                          |
| 6        | Drill Hall Cabinet Top     | *            | <110                          |
| 7        | Kitchen Frig Top           | *            | <110                          |
| 8        | Kitchen Ice Machine Top    | *            | <110                          |
| 9        | CFR Floor Outside Entrance | *            | <110                          |
| 10       | CFR Floor Inside           | *            | <110                          |
| 11       | CFR Exercise Equipment Top | *            | <110                          |
| 12       | Classroom AV Equipment Top | *            | <110                          |
| 13       | Vehicle Shop Bench Top     | *            | <110                          |
| 14       | Room 123 Locker Top        | *            | <110                          |
| 15       | Room 103 Bookshelf Top     | *            | <110                          |
| 16       | Room 118 Locker Top        | *            | <110                          |
| 17       | Room 110 Desk Top          | *            | <110                          |
| 18       | Room 112 File cabinet Top  | *            | <110                          |
| -        | Criteria                   | 50           | 200                           |

### Table Notes:

- 1. **Bolded** results exceed listed criteria
- 2. **ppm** = parts per million
- 3.  $ug/ft^2 = micrograms per square foot$
- 4.  $ug/m^3 = micrograms per cubic meter$
- 5. **ug** = micrograms

### Sources:

- 1. NG PAM 420-15 Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges
- 2. OSHA 29CFR1910.1025 Lead Standard

The National Guard Bureau currently utilizes 200 micrograms per square foot (ug/ft²) as a benchmark for identifying lead-contaminated surfaces. This guideline is referenced in NG PAM 420-15 "Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges" as a satisfactory surface contamination level unless the facility is utilized as a childcare facility. In such cases, U.S. Department of Housing and Urban Development (HUD) limit of 40 ug/ft² on floors and 250 ug/ft² on window sills should be observed. There is no child care provided at this facility.

Lead surface and air samples were collected. The following is a summary of the sample results from this survey.

- Surface levels of lead met the recommended guideline of <200 ug/ft² in all locations sampled.
- Air samples for lead were below the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit of 50 micrograms per cubic meter (ug/m³).

## **Section 4.0 Lighting**

A lighting assessment was conducted throughout the facility. Measurements were collected using a Cooke Cal-Light 400 Precision Light Meter (Serial No. 98011EL). The light meter was last calibrated in November 2012. Measurements collected were compared to ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

**Light Survey Assessment Summary** 

|                            | Foot Candles | Recommended   | Sufficient |
|----------------------------|--------------|---------------|------------|
| Location                   | (FC)         | Lighting (FC) | Lighting   |
| Locker Room                | 33.1         | 7             | Yes        |
| Locker Room 119            | 39.7         | 7             | Yes        |
| Locker Room 118            | 26.4         | 7             | Yes        |
| Locker Room 114            | 26.8         | 7             | Yes        |
| Conference Room 102        | 59.8         | 30-50         | Yes        |
| <b>Recruiting Office</b>   | 7.7          | 30-50         | No         |
| Orderly Office 104         | 65.8         | 30-50         | Yes        |
| Office 106                 | 64.3         | 30-50         | Yes        |
| Office 107                 | 65.9         | 30-50         | Yes        |
| Copy Room 110              | 50.1         | 10            | Yes        |
| Office 110A                | 31.3         | 30-50         | Yes        |
| Office 111                 | 93.9         | 30-50         | Yes        |
| Office 111B                | 58.7         | 30-50         | Yes        |
| Office 112                 | 83.3         | 30-50         | Yes        |
| Office 112A                | 56.4         | 30-50         | Yes        |
| Office 113                 | 84.2         | 30-50         | Yes        |
| Office 113A                | 89.5         | 30-50         | Yes        |
| Gym                        | 38.8         | 30            | Yes        |
| Classroom                  | 99.2         | 30-50         | Yes        |
| Dining Room                | 114.5        | 10            | Yes        |
| Kitchen Food Prep          | 115.5        | 50            | Yes        |
| Vehicle Maintenance Garage | 54.3         | 75            | No         |

Table Notes:

- 1. FC = Foot Candles
- 2. **Bolded** results did not meet listed criteria

Source: ANSI/IESNA RP-7-01 Lighting Industrial Facilities and RP-1-04 Office Lighting.

The lighting levels did not meet the minimum recommended guideline in the Recruiting Office and Vehicle Maintenance Garage.

## **Section 5.0 Indoor Air Quality**

Survey measurements were made for comfort parameters and ventilation (temperature, relative humidity, carbon dioxide, and carbon monoxide). The air quality measurements were collected using direct reading instrumentation for comfort parameters using a QTRAK IAQ Meter, Model 7575-X (Serial #39018). The IAQ Meter was last calibrated in March 2013.

The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) have developed indoor air quality guidelines for mechanically ventilated office buildings and commercial settings (ASHRAE standard 62.1-2013). ASHRAE specifies temperature ranges for human comfort (ASHRAE 55-2010). The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, recommends maintaining a relative humidity range between 30 to 60%.

The following table summarizes the measurements collected.

**IAQ Assessment Summary** 

| Location                   | Temperature (°F) | Relative<br>Humidity<br>(%) | Carbon<br>Dioxide<br>(ppm) | Carbon<br>Monoxide<br>(ppm) |
|----------------------------|------------------|-----------------------------|----------------------------|-----------------------------|
| Outdoors                   | 62.8             | 50.9                        | 395                        | 0.0                         |
| Recruiting Office          | 72.4             | 48.3                        | 611                        | 0.0                         |
| Office 106                 | 73.8             | 44.1                        | 602                        | 0.0                         |
| Office 107                 | 73.7             | 43.4                        | 600                        | 0.0                         |
| Office 113                 | 73.0             | 45.8                        | 780                        | 0.0                         |
| Vehicle Maintenance Garage | 68.4             | 48.9                        | 411                        | 0.0                         |
| Criteria                   | 68-79            | 30-60                       | <1,095                     | <9                          |

Table Notes:

- 1. **Bolded** results exceed listed criteria
- 2. **ppm** = parts per million
- 3. (%) = percent relative humidity
- 4.  ${}^{\circ}\mathbf{F} = \text{degrees Fahrenheit}$

Sources: The American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE) 55-2010, 62.1-2013, Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) & The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation.

### Summary of findings and recommendations:

- Temperature measurements met the recommended 68-79°F in all occupied areas.
- Relative humidity levels met the recommended guideline of 30 60 % in all locations measured.
- Carbon dioxide levels were measured to evaluate building ventilation or the introduction of outdoor air into the building. The recommended ceiling is obtained by adding 700 ppm to the measured outdoor carbon dioxide level. For this survey, carbon dioxide levels did not exceed the recommended ceiling of 1,095 ppm (700 ppm + 395 ppm). This is an indication that outdoor air ventilation is adequate.
- Carbon monoxide levels measured were less than the recommended ceiling of 9 ppm. The recommended ceiling of 9 ppm referenced in the above table is the National Ambient Air Quality Standard for carbon monoxide
- A visual inspection was conducted throughout accessible portions of the facility to assess sources or pathways of factors potentially deleterious to IAQ. The following observation was noted:
  - 1. It was reported that the roof leaks in several places. Water-damaged ceiling tiles were observed in the administrative areas. Sources should be identified and corrected to ensure no further damage occurs.
- The exhaust system in the Vehicle Maintenance Garage was inoperable at the time of this survey. The system should be repaired before further vehicle maintenance requiring the engine running is performed.

# **Section 6.0 Suspect Asbestos Containing Building Materials (ACM)**

No suspect asbestos containing material (ACM) was noted at the time of this survey.

Inaccessible areas such as behind walls or crawlspaces were not inspected. ACM could potentially be present in these areas.

# **Section 7.0 Equipment**

The following equipment was utilized during this survey. All sampling equipment was properly calibrated prior to use and verified for accuracy as applicable. See daily reports and calibrations logs for detailed information.

| Equipment                 | Serial # | <b>Calibration Date</b> | Value    |
|---------------------------|----------|-------------------------|----------|
| TSI QTrak IAQ Meter       | 1228014  | 5/2013                  | NA       |
| Cal Light 400 Light Meter | 98011EL  | 11/2012                 | NA       |
| SKC Air Sampling Pump     | 647631   | 10/09/13                | 3.00 LPM |
| SKC Air Sampling Pump     | 647610   | 10/09/13                | 2.99 LPM |

### **Section 8.0 Limitations**

This report summarizes our evaluation of the conditions observed at the above referenced location. Our findings are based upon our observations and sampling results obtained at the facility at the time of our visit. The report, results, and subsequent recommendations reported herein are also limited to the information available at the time it was prepared and investigated. Conditions may have been in effect prior to the sampling events that have changed over time and which cannot be predicted within the scope of this limited investigation. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

This report is intended for the exclusive use of the client. This report and the findings herein shall not, in whole or in part, be relied upon by any other parties, disseminated or conveyed to any other party without prior written consent of the National Guard Bureau, and Compliance Management International, Inc. The findings are relative to the dates of our site visits and should not be relied upon for substantially later dates.

# Appendix A. Laboratory Analysis Report

# AMA Analytical Services, Inc.

BEST AVAILABLE COPY

# A Specialized Environmental Laboratory

### CERTIFICATE OF ANALYSIS



LAB #100470

11/19/2013

Client:

National Guard Bureau

Job Name:

ARNG 4a MD

Chain Of Custody:

517185

Address:

301-IH Old Bay Lane, Attn: ARNG-CJG-P,

Job Location:

CADE

Date Submitted:

11/13/2013

Address:

State Military Reservation

Havre de Grace, Maryland 21078

Job Number:

P.O. Number:

Not Provided

W912K6-09-A-0003

Person Submitting: Date Analyzed: Non-Responsiv

Report Date:

Attention:

Non-Responsive

Summary of Atomic Absorption Analysis for Lead

Page 1 of 2

| AMA Sample<br>Number | Client Sample<br>Number | Analysis Type | Sample Type | Air Volume<br>(L) | Area Wiped<br>(ft²) |     | oorting<br>Limit | Total ug | Final Res | sult   | Comments |
|----------------------|-------------------------|---------------|-------------|-------------------|---------------------|-----|------------------|----------|-----------|--------|----------|
| 14010779             | 1                       | Flame         | Air         | 270               | N/A                 | 11  | ug/m³            | <3       | <11       | ug/m³  |          |
| 14010780             | 2                       | Flame         | Air         | 269               | N/A                 | 11  | ug/m³            | <3       | <11       | ug/m³  |          |
| 14010781             | 3                       | Flame         | Air Blank   | 0                 | N/A                 | 3   | ug/m³            |          | <3        | ug     |          |
| 14010782             | 4                       | Flame         | Wipe Blank  | ****              | N/A                 | 12  | ug               |          | <12       | ug     |          |
| 14010783             | 5                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/fl²           | <12      | <110      | ug/ft² |          |
| 14010784             | 6                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010785             | 7                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/fl²           | <12      | <110      | ug/ft² |          |
| 14010786             | 8                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010787             | 9                       | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010788             | 10                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010789             | 11                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/fl²           | <12      | <110      | ug/ft² |          |
| 14010790             | 12                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010791             | 13                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010792             | 14                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010793             | 15                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010794             | 16                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/N²            | <12      | <110      | ug/ft² |          |
| 14010795             | 17                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |
| 14010796             | 18                      | Flame         | Wipe        | ****              | 0.108               | 110 | ug/ft²           | <12      | <110      | ug/ft² |          |

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AllIA, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

# AMA Analytical Services, Inc.

BEST AVAILABLE COPY



### CERTIFICATE OF ANALYSIS



LAB #100470

Client:

National Guard Bureau

Job Name:

ARNG 4a MD

Chain Of Custody:

517185

Address:

301-IH Old Bay Lane, Attn: ARNG-CJG-P,

Job Location:

CADE

Date Submitted:

11/13/2013

State Military Reservation

Job Number:

Not Provided

Person Submitting:

Havre de Grace, Maryland 21078

P.O. Number:

W912K6-09-A-0003

Date Analyzed:

11/19/2013

Report Date:

11/19/2013

Attention:

# Summary of Atomic Absorption Analysis for Lead

Page 2 of 2

**AMA Sample** Number

Client Sample

Analysis Type

Sample Type

Air Volume (L)

Area Wiped

Reporting

Total ug

Final Result

Comments

Number

(ft2)

Limit

associated with these

samples.

See QC Summary for analytical results of quality control samples

Technical Manager:

Analysis Method for Flame; Air, Wipes, Paints, and Soil/Solids; EPA 600/R-93/200(M)-7000B; Water; SM-3111B

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7010; Water: SM-3113B

N/A = Not Applicable

mg/Kg = parts per million (ppm) on a dry weight basis mg/L = parts per million (ppm)

%Pb = percent lead on a dry weight basis

ug = micrograms

ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result

Air and Wipe results are not corrected for any blank results

Final results for air and wipe samples are based on client supplied information nor verified by this laboratory.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Posted to NGB FOIA Reading Room

Analys

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

An AIHA (#100470) and Fix FAVAR (#100470) Accredited Laboratory

FOIA Requested Record #J-15-0085 (MD)

May, 2018

4475 Forbes Blvd. · Lanham, MD, 20706 · (301) 459-2640 · Toll Free (800) 346-0961 · Fax (301) 459-2643 Released by National Guard Bureau

Page 1022 of 5269

210 REV. 6.08

RMR Analytical Services, Inc. Focused on Results www.amalab.com AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

# CHAINOE

(Please Refer To This Number For Inquires)

517185

| 0/9 | 4475 Forbes Blvd. • Lanham, MD 20706<br>(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 | CHAIN OF |
|-----|----------------------------------------------------------------------------------------------|----------|
| 11  |                                                                                              |          |

| 4475 Forbes Blvd. • La<br>(301) 459-2640 • (800)                                                                | anham, MD 20706                           | 301) 45   | 9-2643   | (                  |                     |                    | N C     | ינע   |        | U             | 91         | נט       |                              |            |                |          |                      | 1082                     |            |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|----------|--------------------|---------------------|--------------------|---------|-------|--------|---------------|------------|----------|------------------------------|------------|----------------|----------|----------------------|--------------------------|------------|
| Mailing/Billing Information  1. Client Name: National                                                           | Guard Bureau                              |           |          |                    |                     |                    | 1/8     | Job   | Name   | forma         |            | AR       | NG                           | L          | ta             | m.       | D                    |                          |            |
| 2. Address 1:301-IH O                                                                                           | ld Bay Lane                               |           |          |                    |                     |                    | 2.      | Job   | Local  | tion:         | C          | ADI      | E                            |            |                |          |                      |                          |            |
|                                                                                                                 |                                           |           |          |                    |                     |                    |         |       |        |               |            |          |                              |            |                | P.0      | . #: W912K6-0        | 9-A-0003                 |            |
| <ol> <li>Address 2:Attn: NGI</li> <li>Address 3:Havre de</li> <li>Phone #: (410) 942-02</li> </ol>              | Crass Massland                            | 4 210     | 70       |                    |                     |                    | 4       | Con   | tact P | erso          | Vo         | n-       | Re                           | sn         | on             | siv      | /e Non               | Pochono                  | ivo        |
| 5. Phone #:(410) 942-02                                                                                         | Grace, Maryland                           | For t     | . //10\  | 042 0254           |                     |                    | 5       | Suh   | mittee | d by:         | •          |          |                              | OP         | 011            | 0:4      | naturo               | -Meshous                 | SIVE .     |
| 5. Phone #:(410) 942-02                                                                                         | 13                                        | _ rax s   | Pener    | ting Infor         | nation              | (Resi              | ılte wi | ll be | prov   | ided a        | S S001     | n as t   | echnic                       | ally f     | easib.         | le):     | Section 197          |                          |            |
| AFTER HOURS (must be                                                                                            | pre-scheduled)                            | - 1       | Repor    | ing into           | N                   | ORMA               | L BUS   | INES  | SHO    | URS           | 1100000000 |          | 200,000,000                  |            |                |          | 200                  | EPORT TO:                |            |
| Immediate Date Due:                                                                                             |                                           |           | ☐ Immedi | iate               |                     |                    |         |       |        |               | ults Re    | quire    | d By No                      | oon        | <b>(X)</b> I   | nclude   | e COC/Field Data Sh  | ects with Report         | e Nace com |
| 24 Hours Time Due:                                                                                              |                                           |           | O Next D | ay                 | D'S D               | y +                | 120     | 11    | 2      | (Eve          | eryAtte    | empt \   | Will Be                      | Saran<br>S | (T) I          | Car.     | shirley.chapma       | n1@us.armv.m             | 1          |
| Comments:                                                                                                       |                                           |           | 2 Day    |                    | Date D              | ue:_\              | 120     | 110   |        | Mac           | le to A    | ccom     | d By No<br>Will Be<br>odate) |            | 0,0            | Verbal:  | ken.forsyt           | he@us.army.m             | il         |
|                                                                                                                 |                                           |           |          | arrivez errors     |                     |                    |         | _     |        |               |            |          | 8                            | Matal      | Anal           | vele     |                      |                          |            |
| Asbestos Analysis<br>PCM Air — Please Indicate Filter<br>□ NIOSH 7400                                           | Type:<br>(QTY)                            |           | â        | TEM Bulk DELA DNY: | P 198.4<br>State Pl | /Chatfi            | eld     |       | ((     | (QTY)<br>QTY) |            |          | ,                            |            | Po Pa<br>Pb Du | int Ch   | pe (wipe type Gtt0   | (Y)<br>(ST) 15           | (QTY)      |
| □ NIOSH 7400<br>□ Fiberglass                                                                                    | (QTY)                                     |           |          | ☐ Resi             | dual As             | h                  |         | _(Q   | TY)    |               |            |          |                              | u          | Ph So          | il/Soli  | (QTY)<br>id(QT       | Y)                       |            |
| TEM Δic - Please Indicate Filter  AHERA(                                                                        | Type:<br>OTY)                             |           |          | TEM Dust  Qual     |                     | 1/2                |         |       |        |               | OTY        | 2)       |                              | 0          | Pb TC          | LP_      | (QTY)                |                          |            |
| D NIOSH 7402                                                                                                    | (OTY)                                     |           |          | Qual               | . (presi            | abs) va<br>a) Vacu | um D5   | 755-9 | 95     |               | ((         | (YTC     |                              |            | Drink          | ine W    | ater DPb (OTY        | (QTY)                    | O As(QTY)  |
| Other (specify                                                                                                  | )                                         | (QTY)     |          | Quar               | n. (s/are           | a)Dust             | D6480   | -99_  |        |               | (QTY       | )        |                              | a          | Waste          | Water    | (Madia               | O Cu(QTY) O              | (Q1Y)      |
| PLM Bulk  D EPA 600 – Visual Estima                                                                             | te(Q                                      | TY)       |          | TEM Water          |                     |                    |         |       | OTV    |               |            |          | Ď                            |            | lAnal          |          | (iviedia             | _)(\                     | ,          |
| ☐ EPA Point Count                                                                                               | (QTY)                                     |           |          | Qual               | . (pres/            | ADS)               | 00.2    |       | (QII)  | OTY           | 0          |          |                              |            | Collec         | tion A   |                      | raps/Air Samples:        |            |
| O Gray Padustion ELAP II                                                                                        | (QTY)                                     | OTY)      |          | ☐ EPA              | 100.1_              |                    |         | (QTY  | ")     |               |            |          |                              | 0          | Collec         | tion A   | /ledia(QTY)          | 3 Surface Vacuum Du      | (OTY)      |
| ☐ EPA 600 — Visual Estima ☐ EPA Point Count ☐ NY State Friable 198.1 ☐ Grav. Reduction ELAP 19 ☐ Other (specify | )                                         | (QTY)     |          | Alls               | amples              | receive            | d in go | od co | nditio | n unles       | s other    | rvise    | noted.                       |            | Surfac         | ce Swa   | ab(OTY) U            | Culturable ID Genus (M   | ledia)(QTY |
| MISC                                                                                                            |                                           |           |          | (TEM)              | Vater 5             | mples.             |         | °C)   |        |               | SCORES CO  | ******** | Year Mark                    | a          | Surfac         | ce Tap   | e(QTY)               | Culturable ID Species (N | ledia(QT   |
| □ Vermiculite □ Asbestos Soil PLM_(Qui)                                                                         | PLM_(Quan) PLM/TEM.                       | _(Qual) P | LM/TEM(Q | uan)               |                     |                    |         |       |        |               |            |          | 2                            |            | Other (S       | Specify. | )(QTY)               |                          |            |
|                                                                                                                 | PLE INFORMATI                             |           |          |                    |                     | AN                 | ALYSI   | S     | . 9    |               | , &        | . 8      | MATR                         | IX         | 1 0            | , 0      | ,                    | CLIENT CONTAC            | Т          |
| CLIENT ID SAI                                                                                                   | MPLE LOCATION/                            | ********  | VOLUME   | WIPE               | E E                 | 10                 | 3       | Sto   | 100    | 15            | 13         | 123      | MATR                         | 85         | 1 2            | 1 3      | / (LAE               | BORATORY STAFF           | ONLY)      |
|                                                                                                                 | DENTIFICATION                             | DATE      | (LITERS) | AREA               |                     | 4                  | 3,      | 1     |        |               | ~          |          |                              |            |                | 1        | Date/Time:           | Contact:                 | By:        |
| 1 DRILL HALL                                                                                                    |                                           | 1811      | 270      |                    |                     | -                  |         | ,     |        |               |            |          |                              |            |                |          | Date Time.           | Collino                  |            |
| 2 CFR                                                                                                           |                                           | 1         | 269      |                    |                     | -                  | -       |       | -      |               | _          |          |                              |            |                | 1        |                      | 11.00                    |            |
| 3 BLANK                                                                                                         |                                           | -         |          | -                  |                     | -                  | -       | 1     | _      |               | -          | +        | -                            |            | -              | -        | -                    |                          |            |
| 4 BLANK                                                                                                         |                                           |           |          | 100cm2             |                     |                    | _       | 1     |        | -             | _          | $\vdash$ | -                            |            | _              | -        | Transcore Management | 922000.003930.00         | -          |
| 5 DRILL HALL FU                                                                                                 | OOR CENTER                                |           |          |                    |                     |                    | _       | +     |        |               |            |          | -                            |            |                | -        | Date/Time:           | Contact:                 | By:        |
| 6 DRILL HALL CA                                                                                                 | BINET TOP                                 |           |          |                    |                     |                    |         | 1     |        |               |            |          | -                            |            |                | _        |                      |                          |            |
| 7 KITCHEN FRIG                                                                                                  | TOP                                       |           |          |                    |                     |                    |         |       |        |               |            |          |                              |            |                |          | A                    |                          |            |
|                                                                                                                 | unchine TOP                               |           |          |                    |                     |                    |         |       |        |               |            |          |                              |            |                |          |                      |                          |            |
| 9 CFR FIR OUT                                                                                                   |                                           |           |          |                    |                     |                    |         |       |        |               |            |          |                              |            |                |          | Date/Time:           | Contact:                 | By;        |
|                                                                                                                 | INSIDE                                    |           |          |                    | 2 120               |                    |         |       |        |               |            |          |                              |            |                |          |                      |                          |            |
|                                                                                                                 | EQUIP TOP                                 |           |          |                    |                     |                    |         |       |        |               |            |          |                              | Mai        |                |          | a naiwa              | Non-F                    | Responsive |
| 17 CIASSACON A                                                                                                  | of the principal of the D                 |           |          |                    |                     |                    |         | 1     |        |               |            | 1        | 1 1                          |            | 1-17           | Spi      | onsive               |                          | - Promonie |
| M CLASSKOOM A                                                                                                   | I. Date/Time RCV                          | D.        | /12      | 1/13               |                     | DIE                | Via     | E     | erl    | PX            | Bv         | (Print   | ):                           |            |                |          |                      | Sign:                    |            |
| LABORATORY                                                                                                      | 1. Date/Time RCV 2. Date/Time Analy       | D:        |          |                    |                     | @                  | vid.    | 11.00 | (11)   | 4             | ,          |          |                              |            |                |          |                      | 3.5                      |            |
| STAFF ONLY:                                                                                                     | 2. Date/Time Analy<br>3. Results Reported | yzea:     |          |                    |                     |                    | 13      | y tin | 1/1:   | io.           |            |          | Date                         |            | 1              |          | _/ Time              | 9.                       |            |
| (COSTODY)                                                                                                       |                                           | 1 10:     |          |                    |                     |                    | -       |       | VI     | u             |            |          | Date:                        |            | - ′ -          |          |                      |                          | . minus.   |
|                                                                                                                 | . Comments:                               |           |          |                    |                     |                    |         | _     |        |               | 20.07      | _        |                              |            |                |          |                      |                          |            |

Posted to NGB FOIA Reading Room May, 2018

BEST AVAILABLE COPY

FOIA Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 1023 of 5269 OWI (410) 247-2024

159202

210 REV. 6.08



AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920) 4475 Forbes Blvd. • Lanham, MD 20706 (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

# **CHAIN OF CUSTODY**

(Please Refer To This Number For Inquires) 517185 20f Z

| . Client Name: National Guard Bureau . Address 1: 301-IH Old Bay Lane                                 |               |                   |                      | 2.        | Job Lo     | Inform<br>me:<br>cation!_ |           |          |           |         |           |          |                        |                           |            |
|-------------------------------------------------------------------------------------------------------|---------------|-------------------|----------------------|-----------|------------|---------------------------|-----------|----------|-----------|---------|-----------|----------|------------------------|---------------------------|------------|
| . Address 2: Attn: NGB-ARS-IHNE                                                                       |               |                   |                      | 2         | Job#:      |                           |           | Sec. 10  |           |         |           | PO       | #: W912K6-09-          | A-0003                    |            |
| . Address 3: Havre de Grace, Maryland 2                                                               | 1078          |                   |                      | _ 4.      | Contac     | t Per                     | lon       | -K       | es        | 001     | ารเ       | VE       | Non-Re                 | sponsive <sup>3</sup>     |            |
| . Phone #: (410) 942-0273 Fa                                                                          | x #: (410) 9  | 142-0254          |                      |           | Ouchin     | ited t                    |           |          |           |         |           |          | nat                    |                           |            |
|                                                                                                       | Report        | ing Inform        | ation (Re            | sults wil | l be pr    | ovided a                  | as soon   | as te    | chnica    | lly fea | sible):   | :        |                        |                           |            |
| AFTER HOURS (must be pre-scheduled)                                                                   | 2000          | 100               | NORM                 | AL BUS    | NESS I     | IOURS                     |           |          |           |         |           |          | REP                    | ORT TO:                   |            |
| Immediate Date Due:                                                                                   | ☐ Immedia     | ite 🗆             | 3 Day                |           |            | □ Res                     | ults Red  | quired ! | By Noo    |         | Em:       |          | lon-Responsi           | ith Report                | eplace.com |
| 24 Hours Time Due:                                                                                    | ☐ Next Da     | y D               | 3 Day +<br>ate Due:_ |           |            | (Ev                       | eryAtte   | mpt W    | ill Be    |         | ☐ Fax     |          |                        | us.army.mil               |            |
| Comments:                                                                                             | C 2 Day       | ь                 | ac Duc               |           |            |                           | 00 10 710 | Como     |           |         | ☐ Verl    | bals     |                        | us.army.mil               |            |
| Asbestos Analysis                                                                                     | 7             | EM Bulk           |                      |           |            |                           |           |          | M         | etals A |           |          | (*)                    |                           |            |
| CM Air - Please Indicate Filter Type:                                                                 | -             | □ ELAP            | 198.4/Cha            | field     | 6          | _(QTY                     | )         |          |           | O PI    | Paint     | Chip     | (QTY)                  | T 1 15                    | (OTV)      |
| □ NIOSH 7400(QTY) □ Fiberglass(QTY)                                                                   |               | O NY St           | te PLM/T             | EM        | /OT!       | _(QTY)                    |           |          |           | O Pi    | Air.      | 3        | (QTY)                  |                           | (4.1)      |
| EM Air - Please Indicate Filter Type:                                                                 | ži.           | Residu<br>EM Dust | al Ash               |           | _(Q1Y      | ,                         |           |          |           | ☐ Pi    | Soil/S    | Solid.   | . (QTY)                |                           |            |
| ☐ AHERA(QTY) ☐ NIOSH 7402(QTY)                                                                        |               | Oual, (           | pres/abs) V          | /acuum/D  | ust        |                           | _(QTY     | )        |           | O PI    | TCLP      | Water    | (QTY)<br>er            | 10. (OTV) D               | As (OTY)   |
| ☐ NIOSH 7402(QTY) ☐ Other (specify)(QTY)                                                              | O             | Ouan.             | (s/area) Va          | cuum D5   | 755-95 _   |                           | (Q        | TY)      |           | OW      | aste W    | ater C   | I Pb (OTY) II          | Cu(QTY) \(\mathbb{Q}\) As | (QTY)      |
| LM Bulk                                                                                               |               | Quan.<br>EM Water | (s/area)Du           | st D6480- | 99         |                           | _(Q11)    |          |           | O PI    | Furna     | ice (N   | Aedia)                 | (QTY                      | )          |
| ☐ EPA 600 - Visual Estimate (QTY)                                                                     |               | Oual (            | pres/abs)_           |           | (Q'        | (Y)                       |           |          | F         | ingal A |           |          |                        |                           |            |
| D EPA Point Count (QTY)  O NY State Priable 198.1 (QTY)                                               |               | <b>U</b> ELAP     | 198.2/EPA            | 100.2     |            | (QT                       | Y)        |          |           |         |           |          | paratus for Spore Trap | s/Air Samples:            | 40         |
| ☐ NY State Friable 198.1(QTY) ☐ Grav. Reduction ELAP 198.6(QTY)                                       |               |                   | 0.1                  |           | 2355       |                           |           |          |           | U S     | ore-Tr    | ap_      |                        | Surface Vacuum Dust       | (QTY)      |
| Other (specify)(QT)                                                                                   | ()            |                   | ples recei           |           |            | tion unle                 | ss other  | wise no  | oted.     | USI     | Irface S  | Swab     | (QTY) U                |                           |            |
| IISC □ Vermiculite                                                                                    |               | (TEM Wa           | ter sample           | s         |            |                           |           |          |           |         |           | 4.0      | (QTY)                  | ulturable ID Species (Med | ia)(Q)     |
| Asbestos Soil PLM_(Qual) PLM_(Quan) PLM/TEM_(Quan                                                     | I) PLMTEM_IQU | (רו               |                      |           |            |                           |           | De       | erantes a | - 400   | ier (spec | ily.—    |                        |                           |            |
| SAMPLE INFORMATION                                                                                    | VOLUME        | MIDE /            | A                    | NALYSI    | S) 1       | AIR AIR                   | 13        | 125M     | ATRIX     | 23/     | 2 /       | 48       | 1                      | JENT CONTACT              |            |
|                                                                                                       | TE (LITERS)   | AREA /            | 1 P                  | 12/       | PE :       | AFE                       | 180       | 20       | 338       | 35      | E         | 3        | (LABO                  | RATORY STAFF ON           | LY)        |
| 13 Vehicle Shop Bench TOP 10/                                                                         | 一种            | 100cm²            |                      |           | V          |                           |           | 1        |           |         | _         | _        | Date/Time:             | Contact:                  | By:        |
| 4 Room 123 Locker TOP                                                                                 | <b>B</b>      | 1                 |                      |           | 1          |                           |           |          |           |         |           | _        |                        |                           |            |
| 5 Room 103 Gookshelf 700                                                                              |               |                   |                      |           |            |                           |           |          |           |         |           |          |                        |                           |            |
| 6 Room 118 Locker TOP                                                                                 |               |                   |                      |           |            |                           |           |          |           |         |           |          |                        |                           |            |
| 7 ADOM 110 DESK-TOP                                                                                   |               |                   |                      |           |            |                           |           |          |           |         |           |          | Date/Time:             | Contact:                  | By:        |
| groom IIZ File CAB TOP                                                                                |               |                   | -                    |           | 1          |                           |           | 1        |           |         |           |          |                        |                           |            |
|                                                                                                       |               |                   |                      |           |            |                           |           |          |           |         |           | $\neg$   |                        |                           |            |
| 9                                                                                                     |               | -                 | +                    |           | _          |                           |           |          |           |         |           | 1        |                        |                           |            |
|                                                                                                       | -             |                   | -                    |           | -          |                           |           | -        | $\dashv$  |         | -         | 1        | DataCline              | Contact:                  | By:        |
| Š.                                                                                                    |               |                   |                      |           | -          | -                         | -         | -        | -         |         | -         | +        | Date/Time:             | Contact:                  | Dy:        |
| 2                                                                                                     |               |                   |                      |           | _          | _                         |           | -        | _         | _       | -         | $\dashv$ |                        |                           |            |
| 9                                                                                                     |               |                   |                      |           |            | _                         |           | _        | _         |         | -         | -        |                        | Non-E                     | Respon     |
| 7                                                                                                     |               |                   |                      |           |            |                           |           |          |           |         |           |          |                        | HOILE                     | copon      |
| 4                                                                                                     |               |                   |                      |           |            |                           |           |          |           |         |           |          |                        |                           |            |
| 1. Date/Time RCVD:                                                                                    | _/_           | _/                | _@                   | Via:_     |            |                           | Ву        | (Print): |           |         |           |          |                        | D. P.                     |            |
| LABORATORY STAFF ONLY:  COVERNALY:  1. Date/Time RCVD: 2. Date/Time Analyzed: 3. Results Reported To: | 1             | /                 | @                    | B         | v (Print): |                           |           |          |           |         |           | _ Si     | ign:                   |                           |            |

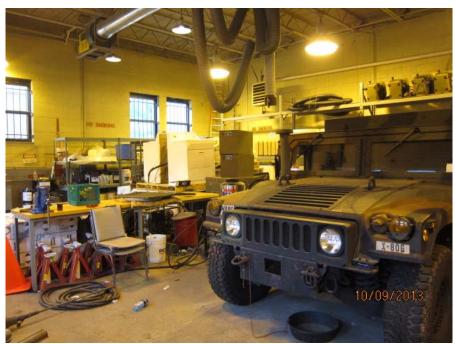
# Appendix B. Photographs



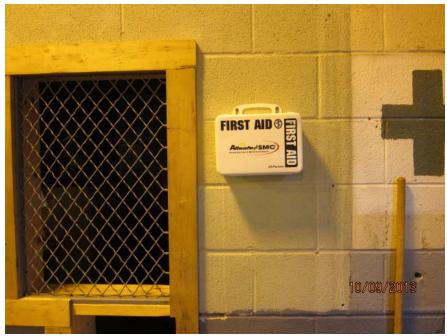
Exterior of facility



Drill Hall



Vehicle maintenance shop



First Aid kit in vehicle maintenance shop



Waste storage vehicle maintenance shop



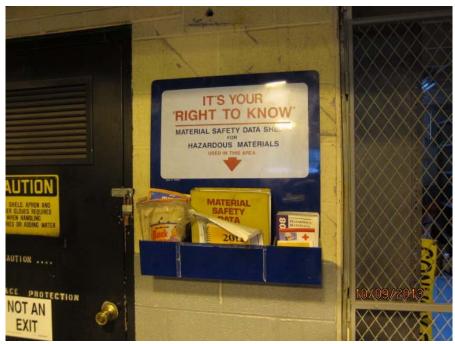
Overhead vehicle exhaust system (not functional)



Flammable storage cabinet vehicle maintenance shop



Storage rack in vehicle maintenance shop

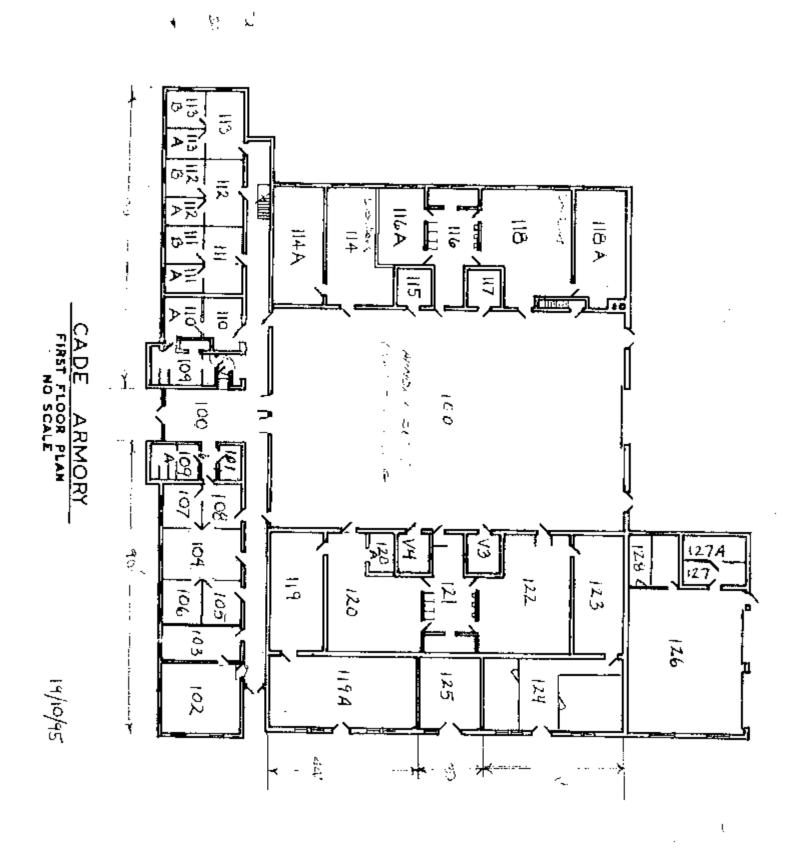


Right to know station in vehicle maintenance shop



Dining area - water stained drywall ceiling

# Appendix C. Floor Plan



## **Appendix D. References**

- 1. Title 29 Code of Federal Regulations (CFR), Part 1910.1025, Occupational Safety and Health Administration, Occupational Exposure to Lead.
- 2. American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values and Biological Exposure Indices, 2013 Edition.
- 3. Industrial Ventilation: A Manual of Recommended Practice for Design, 28<sup>th</sup> Edition.
- 4. American National Standards Institute (ANSI)/American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Ventilation for Acceptable Indoor Air Quality, 62.1-2013.
- 5. RP-1-2004, Industrial Lighting, Illuminating Engineering Society of North America/ANSI.
- 6. RP-7-2001, Industrial Lighting, Illuminating Engineering Society of North America/ANSI.
- 7. National Emission Standard Hazardous Air Pollutants (NESHAP) The standards for asbestos are contained in 40 CFR 61.140 through 61.157.
- 8. National Ambient Air Quality Standards (NAAQS) National primary ambient air quality standards for carbon monoxide 40 CFR 50.8.
- 9. Environmental Protection Agency (EPA) standards [40 Code of Federal Regulations (CFR) 745.227 (h) (3)].
- 10. Derivation of Wipe Surface Screening Levels for Environmental Chemicals, the US Army Center for Health Promotion and Preventive Medicine (USACHPPM).
- 11. The US Army Technical Guide 277 Army Facilities Management Information Document on Mold Remediation, February 2002.
- 12. NG PAM 420-15 Guidelines and Procedures for Rehabilitation and Conversion of Indoor Firing Ranges, 3 Nov 06.
- 13. ANSI/American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Thermal Environmental Conditions for Human Occupancy, 55-2010.

# NATIONAL GUARD BUREAU ARMY NATIONAL GUARD REGION NORTH INDUSTRIAL HYGIENE OFFICE ATTN: NGB-ARS-IHNE 301-IH OLD BAY LANE HAVRE DE GRACE, MD 21078

NGB-ARS-IHNE

25 January 2007

MEMORANDUM FOR Maryland Army National Guard (MDARNG) CFMO, LTC Robert McCabe, 5<sup>th</sup> Regiment Armory, 29<sup>th</sup> Division Street, Baltimore, MD 21201

SUBJECT: Pikesville Readiness Center Indoor Firing Range

- 1. An email dated 25 January 2007 from the CFMO stated that the Pikesville Readiness Center Indoor Firing Range conversion/construction project has been completed. This was based upon a physical inspection of the facility to ensure that it met requirements of the contract. The NGB Region North Industrial Hygiene Office certifies that the surface lead dust was abated IAW NG Pam 385-16, Converting Indoor Firing Ranges to Other Uses.
- 2. This project required the removal of the bullet trap, ceiling baffles and acoustical tile. Any items stored in the range were cleaned for surface lead dust prior to their removal. Surface lead dust was removed from all surfaces. Two coatings of lead paint encapsulant were used to cover the walls and ceiling. Vinyl tile was used to cover the floor.
- 3. This office collected pre and post surface lead wipe samples. The samples were sent to AMA Analytical Services, Inc. for analyses. AMA is an American Industrial Hygiene Association (AIHA) accredited laboratory. Post clearance surface lead wipe samples were below 200 micrograms per square foot as required by NG Pam 385-16.
- Based on the email stated in paragraph 1 and the lead surface sample results, this area can be reoccupied as soon as possible.
- 5. Please direct any questions regarding the conversion/construction project to the CFMO at (410) 576-6067 and questions regarding surface lead dust sample results to Ms. Non-Responsive at (410) 942-0273 x23.



NGB Regional Industrial Hygienist



<sub>From:</sub>Non-Responsive<sub>CIV NGB</sub>

Sent: Thursday, January 25, 2007 9:43 AM

 $_{\Gamma_0}$ Non-Responsive $_{
m CIV}$ 

**Subject:** FW: PMR Range- Pikesville Military Reservation, 610 Reisterstown Road, Baltimore, Maryland 21208-5197
Here's another one!

# Non-Responsive

Industrial Hygiene Technician

NGB Region North IH Office 301-IH Old Bay Lane Havre de Grace, MD 21078

Phone: 410-942-0273 x25 Cell: Non-Responsive Fax: 410-942-0254

### NOTICE THE FOLLOWING:

This electronic transmission may contain confidential or sensitive material to include medical information. It may also contain information protected from disclosure under the Freedom of Information Act and the Privacy Act of 1974 (5 U.S.C. 552a). Any unauthorized disclosure or misuse of personal information may result in criminal and/or civil penalties. DO NOT release this information without prior authorization from the sender. If you are not the intended recipient, delete immediately and notify the sender.

From: TC (RET) MDARNG

Sent: Thursday, 25 January, 2007 09:15

CIV NGB; Non-Responsive

CPT (RET) MDARNG

Subject: FW: PMR Range- Pikesville Military Reservation, 610 Reisterstown Road, Baltimore, Maryland 21208-5197

Pursuant to the project specification, the above referenced project has been completed. The contractor:

Retro Environmental, Inc.

5301 Enterprise Street

Suite D

Sykesville, Maryland 21784

Attn: Non-Responsive

410-552-9301

has completed the project per the specifications and all tests have meet the current standards of under 200 microns. The room has been fully encapsulated to current standards.

# on-Responsiv

MAJ (RET) MDARNG Sent: Thursday, January 25, 2007 8:14 AM

To: Non-Responsive LTC (RET) MDARNG

Cc: Non-Responsive\_TC (Ret) MDARNG

Subject: PMR Range

Good morning,

n-Responsive ust told me that Garage 13 has completed the floor work in the Pikesville range. I suspect that you can have it move on to the next step of being cleaned/tested.



A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

301-IH Old Bay Lane, Attn: NGB-AVN-SI, Havre de Grace, Maryland 21078 State Military Reservation National Guard Bureau P.O. Number: Job Location: Job Number: Job Name: Not Provided Not Provided Pikesville armory Pikesville Clear V Date Analyzed: Person Submitting: Date Submitted: Chain Of Custody: 12/28/2006 12/28/2006 Report Date: 28-Dec-06

Requested Record #J-15-0085 (MD) Released by National Guard Bureau Page 1037 of 5269

| В                                                                                                         | ES              | Γ <b>Α</b> \    | /AIL            | _AB             | LE              | CO              | PY              | li ·                    | ı                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |                |                                |                                                                      |
|-----------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|--------------------------------|----------------------------------------------------------------------|
| Analysis Method                                                                                           | 0721657         | 0721656         | 0721655         | 0721654         | 0721653         | 0721652         | 0721651         | AMA Sample<br>Number    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Attention: |                |                                | Address:                                                             |
| Analysis Method for Flame: Air, Wipes, Paints, and Soil/Sotids: EPA 600/R-93/200(M)-7420; Water: SM-3111B | 20061227PKV5 07 | 20061227PKV5 06 | 20061227PKV5 05 | 20061227PKV5 04 | 20061227PKV5 03 | 20061227PKV5 02 | 20061227PKV5 01 | Client Sample<br>Number |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Non-Resp   |                | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lane, Attn: NGB-AVN-SI,<br>State Military Reservation |
| aints, and Soil/Solid                                                                                     | Flame           | Flame           | Flame           | Flame           | Flame           | Flame           | Flame           | Analysis Type           | And and a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second |            |                | and 21078                      | Attn: NGB-AVN-SI,<br>ion                                             |
| ls: EPA 600/R-93/20                                                                                       | Wipe Blank      | Wipe            | Wipe            | Wipe            | Wipe            | Wipe            | Wipe            | Sample Type             | Summary of Atomic Absorption Analysis for Lead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            | P.O. Number:   | Job Number:                    | Job Location:                                                        |
| 0(M)-7420; Water                                                                                          | ***             | ***             | **              | **              | ***             | ***             | **              | Air Volume<br>(L)       | of Atomic &                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | Not Provided   | Not Provided                   | Pikesville armory                                                    |
| SM-3111B                                                                                                  | N/A             | 0.111           | 0.111           | 0.111           | 0.111           | 0.111           | 0.111           | Area Wiped<br>(ft²)     | bsorption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                |                                | ory                                                                  |
| See QC Sun                                                                                                | 12.00 ug        |                 |                 |                 |                 |                 | 108.01 ug       | Reporting<br>Limit      | Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | Da             | Pe                             | Da                                                                   |
| nmary for and                                                                                             | u v             | ug/ft²          | ug/ft²          | ug∕ft²          | ug/ft²          | ug/ff²          | ug/ft²          | 76                      | for Lead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            | Date Analyzed: | Person Submitting:             | Date Submitted:                                                      |
| lvtical :                                                                                                 | ۸               |                 |                 | _               | . 1             | ۸               |                 | Fig                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                | 45                             |                                                                      |
| esults                                                                                                    | 12              | 180             | 450             | 1500            | 1900            | 110             | 490             | Final Result            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | 12/28/2006     | Non-R                          | 12/28/2006                                                           |
| of qualit                                                                                                 | 66              | ug/fit          | ug/ft²          | ug/ft²          | ug/ft²          | ug/ft²          | ug/ft²          |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | 2006           |                                | 2006                                                                 |
| See QC Summary for analytical results of quality control samples                                          |                 |                 |                 |                 |                 |                 |                 | Comments                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | Report Date:   | _                              |                                                                      |
|                                                                                                           |                 |                 |                 |                 |                 |                 |                 |                         | Page I of I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 28-Dec-06      |                                |                                                                      |
| В                                                                                                         | ES              | Γ <b>Α</b> \    | /AIL            | _AB             | LE              | CO              | PY              | F                       | OIA Req                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |                |                                | #J-15-<br>nal Gua                                                    |

**BEST AVAILABLE COPY** 

%Pb = percent lead by weight

ug = micrograms

Air and Wipe results are not corrected for any blank results should not be considered when interpreting the result Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water, SM-3111B

associated with these samples

See QC Summary for analytical results of quality control samples

mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm)

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted ug/L = parts per billion (ppb) Analyst: Technical Manager: d to NGB FOL

liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorized.

An AIHA (#8863), NVIAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

All rights reserved. AIVIA Analytical Services, Inc.

NYLAP, NIST, or any agency of the Federal Government.



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 14197

|                                   | Analysis<br>Şamplo î | Гуре:    | Plante<br>Wipe      |       |                |
|-----------------------------------|----------------------|----------|---------------------|-------|----------------|
|                                   | Analysis             | Date:    | 12/28/2006          |       |                |
|                                   | Re                   | wult     | Percent<br>Recovery | KPD   | Comment        |
| Preparation Blank                 | -0,067               | ppm      |                     |       | Acceptable     |
| Report Limit Verification Sample  | 0.1453               | ppm<br>- | 43.6%               |       | Outside Limits |
| Expected Spike Level (ppm) 0.3333 |                      |          |                     |       |                |
| Duplicate Sample 1                |                      | mg/Kg    |                     |       |                |
| Duplicate Sample 2                |                      | mg/X.g   |                     |       | Acceptable     |
| Mateix Spike Analysis             |                      | •        |                     |       |                |
| Spiked Sample                     |                      |          | 91.06%              |       | Acceptable     |
| Spike Duplicate                   |                      |          | •                   | •     | Acceptable     |
| Laboratory Control Sample 1       | 295,529              | μg       | 92.21%              |       | Acceptable     |
| Laboratory Control Sample 2       | 263.785              | II.B     | 88.93%              | 3,62% | Acceptable     |

### Calibration Information

Correlation of Calibration Curve: 0.999357

All collibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 43.6%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 14199 (87.8% recovery).

### Samples Included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150783           | 21651             | 20861227PKV5-01      |
| 150783           | 21652             | 20061227PKV5 02      |

SDG Number: 14197 Page 1 of 2

## Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150783           | 21653             | 20061227PK V5 03     |
| 150783           | 21654             | 20061227PKV5 04      |
| 150783           | 21655             | 20061227PKV3-05      |
| 150783           | 21656             | 20061227PKV5 06      |
| 150783           | 21657             | 20061227PKV5 07      |

SDG Number: 14197 Page 2 of 2





A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

Requested Record #J-15-0089 (MD) Released by National Guard Bureau Page 1040 of 5269

AMA Sample Number Address: Client Attention: Havre de Grace, Maryland 21078 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation National Guard Bureau Client Sample Number Analysis Type Summary of Atomic Absorption Analysis for Lead Sample Type Job Location: P.O. Number: Job Number: Job Name: Air Volume Catonsville & Westminster Armories Not Provided Not Provided Catonsville & Westminster Clear 3 Area Wiped Reporting Chain Of Custody: Date Analyzed: Person Submitting: Date Submitted: Final Result 12/22/2006 12/22/2006 Report Date: Comments 22-Dec-06 Page I of I

Requested Record #J-15-

|                                                                  |           |          | 000000000000000000000000000000000000000 |        | 200    |             |                  |                        |                  |                                                                                                           |              |
|------------------------------------------------------------------|-----------|----------|-----------------------------------------|--------|--------|-------------|------------------|------------------------|------------------|-----------------------------------------------------------------------------------------------------------|--------------|
| See QC Summary for analytical results of quality control samples | ults of o | cal resu | ary for analyti                         | Summa  | See QC | r. SM-3111B | 10(M)-7420; Wate | olids: EPA 600/R-93/20 | ints, and Soil/S | Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SN-3111B | lysis Method |
| ΨΨ                                                               | 뜶         | 12       | ٨                                       | gu     | 12.00  | N/A         | <b>张</b><br>等    | Wipe Blank             | Flame            | 20061221CAT303                                                                                            | 0721158      |
| ug/ft²                                                           | gu<br>9u  | 110      | ^                                       | ug/ft² | 108.01 | 0.111       | ***              | Wipe                   | Flame            | 20061221CAT302                                                                                            | 0721,157     |
| ug/ft²                                                           |           | 110      | ۸                                       | ug/ft² | 108.01 | 0.111       | **               | Wipe                   | Flame            | 20061221CAT301                                                                                            | 0721156      |
| 44                                                               | ug<br>G   | 12       | ٨                                       | ü      | 12.00  | N/A         | ****             | Wipe Blank             | Flame            | 20061221WST305                                                                                            | 0721155      |
| ug/ft²                                                           |           | 290      | .,                                      | ug/ft² | 108.01 | 0.111       | 景景               | Wipe                   | Flame            | 20061221WST304                                                                                            | 0721154      |
| ug/ft²                                                           | _         | 1500     | ~                                       | ug/ft² | 108.01 | 0.111       | ****             | Wipe                   | Flame            | 20061221WST303                                                                                            | 0721153      |
| ug/ft²                                                           |           | 150      |                                         | ug/ft² | 108.01 | 0.111       | 苦苦季季             | Wipe                   | Flame            | 20061221WST302                                                                                            | 0721152      |
| ug/ft²                                                           |           | 110      | ٨                                       | ug/ft² | 108.01 | 0.111       | **               | Wipe                   | Flame            | 20061221WST301                                                                                            | 0721151      |

BEST AVAILABLE COPY

%Pb = percent lead by weight N/A = Not Applicable mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted

Note: All results have two significant digits. Any additional digits shown

Should not be considered when interpreting the results.

Air and Wipe results are not corrected for any blank results.

Analys

Analys

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laborgies, investigated and these Laborgies, investigated and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and these Laborgies, investigated and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the sample of the public and the s

this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and

All rights reserved. AMA Analytical Services, Inc.

NVLAP, NIST, or any agency of the Federal Government.



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 14189

Analysis Type:

Flame

Sample Type:

Wipe

Analysis Date:

17/22/2006

|                                   | -       |       |                     |          |            |
|-----------------------------------|---------|-------|---------------------|----------|------------|
|                                   | Re      | sult  | Percent<br>Recovery | RP1)     | Comment    |
| Proparation Blank                 | -0.036  | ррт   |                     |          | Acceptable |
| Report Limit Verification Sample  | 0.2669  | ppm   | 80.1%               |          | Acceptable |
| Expected Spike Level (ppm) 0 3333 |         |       |                     | •        |            |
| Duplicate Sample 1                | #Num!   | mg/Kg |                     |          |            |
| Duplicate Sample 2                | #Nom!   | mg/Kg |                     | Attornor | #Hrror     |
| Matrix Spike Anelysis             |         |       |                     |          |            |
| Spiked Sample                     |         |       | 83.63%              |          | Acceptable |
| Spike Duplicate                   |         |       |                     |          | Acceptable |
| Laboratory Control Sample 1       | 282,696 | μB    | 91.87%              |          | Acceptable |
| Laboratory Control Sample 2       | 274.261 | μв    | 89.47%              | 2.66%    | Acceptable |
|                                   |         |       |                     |          |            |

## Calibration Information

Correlation of Calibration Curve:

0.999498

All calibration verification samples are within acceptance limits.

Notes:

Samples included in this Sample Delivery Group (SDG)

Chain Of Custody AMA Sample Number Client Sample Number

158833

21138

0051-02-01

158833

21139

0051-02-02

SDC Number:

14189

Page Lof 2

## Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 158833           | 21140             | 0051-02-03           |
| 158833           | 21 [41            | 0051-02-04           |
| 158833           | 21142             | 0051-02-05           |
| 158833           | 21143             | 0051-02-06           |
| 158833           | 21144             | 0051-02-07           |
| 158833           | 21145             | 0051-02-08           |
| 158833           | 21146             | QDS1-02-09           |
| 158933           | 21147             | 0051-02-10           |
| 158833           | 21148             | 0051-02-11           |
| 150782           | 21151             | 20061221WST301       |
| 150782           | 21152             | 20061221WST302       |
| FS0782           | 21153             | 20061221W8T303       |
| 150782           | 21154             | 20061221WST304       |
| 150782           | 21155             | 20061221WST308       |
| 150782           | 21156             | 20061221CAT301       |
| 150787           | 21157             | 20061221CAT302       |
| 150782           | 21158             | 20061221CA1303       |

SDG Number: 14189

Page 2 of 2



A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

Address: Client: State Military Reservation 301-IH Old Bay Lane, Attn: NGB-AVN-SL Havre de Grace, Maryland 21078 National Guard Bureau Job Location: P.O. Number: Job Number: Job Name: Not Provided Not Provided Pikesville Armory Pikesville Clear 4 Person Submitting: Chain Of Custody: Date Analyzed: Date Submitted: 150778 12/19/2006 12/19/2006 Report Date: 04-Jan-07

Summary of Atomic Absorption Analysis for Lead

Attention:

| AMA Sample Client San<br>Number Numbe                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|
| Client Sample<br>Number                                                                                                     |
| Analysis Type Sau                                                                                                           |
| Sample Type                                                                                                                 |
| Air Volume<br>(L)                                                                                                           |
| Volume Area Wiped (L) (ft²)                                                                                                 |
| A Sample Client Sample Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Number Number (L) (ft²) Limit |
| Final Result                                                                                                                |
| Final Result Comments                                                                                                       |

|        |       |   |                     | NGB<br>} |       |                                         |            |       |                 |         |
|--------|-------|---|---------------------|----------|-------|-----------------------------------------|------------|-------|-----------------|---------|
| Ę      | 12    | ٨ | ug:                 | 12.00    | N/A   | **                                      | Wipe Blank | Flame | 20061215PIK4 18 | 0720073 |
| ng.    | 12    | ٨ | ug                  | 12.00    |       | <b>基</b> 費要                             | Wipe Blank | Flame | 20061215PIK4 17 | 9720072 |
| ug∕ft² | 540   |   | ug/ft²              | 108.01   | ,     | 를 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 | Wipe       | Flame | 20061215PIK4 16 | 0720071 |
| ug∕ft² | 4200  |   | ug/ff?              | 108.01   | 0.111 | ** **                                   | Wipe       | Flame | 20061215PIK4 15 | 0720070 |
| ug/ft² | 3700  |   | ug/ft²              | 108.01   | 0.111 | ** *** *** ***                          | Wipe       | Flame | 20061215PIK4 14 | 0720069 |
| ug/ft² | 110   | ٨ | ug/ft≎              | 108.01   | 0.111 | <b>英</b>                                | Wipe       | Flame | 20061215PIK4 13 | 0720068 |
| ug/ft² | 150   |   | ug/tt²              | 108.01   | 0.111 | *<br>*                                  | Wipe       | Flame | 20061215PIK4 12 | 0720067 |
| ug/ft² | 011   | ٨ | ug/ft²              | 108.01   | 0.111 | ***                                     | Wipe       | Flame | 20061215PIK4 11 | 0720066 |
| ug/ff² | 3000  |   | ug/ft²              | 108.01   | 0.111 | * *                                     | Wipe       | Flame | 20061215PIK4 10 | 0720065 |
| ug∕ff² | 200   |   | #1/gu               | 108.01   | 0.111 | ***                                     | Wipe       | Flame | 20061215PIK4 09 | 0720064 |
| ug/ft² | 13000 |   | ug/ft²              | 108.01   | 0.111 | ***                                     | Wipe       | Flame | 20061215PIK4 08 | 0720063 |
| ug/ff: | 110   | ٨ | ug∕ff²              | 108.01   | 0.111 | **                                      | Wipe       | Flame | 20061215PIK4 07 | 0720062 |
| ug/ff² | 110   | ۸ | ug∕ <del>ft</del> ² | 108.01   | 0.111 | ***                                     | Wipe       | Flame | 20061215PIK4 06 | 0720061 |
| ug∕ft² | 380   |   | ug∕ft²              | 108.01   | 0.111 | * * * *                                 | Wipe       | Flame | 20061215PIK4 05 | 0720060 |
| ug/ff² | 110   | ٨ | ug∕ft²              | 108.01   | 0.111 | ****                                    | Wipe       | Flame | 20061215PIK4 04 | 0720059 |
| ug/ff² | 110   | ٨ | ug/ft²              | 108.01   | 0.111 | ***                                     | Wipe       | Flame | 20061215PIK4 03 | 0720058 |
| ug/ft² | 110   | ٨ | ug∕ft²              | 108.01   | 0.111 | **                                      | Wipe       | Flame | 20061215PIK4 02 | 0720057 |
| ug/ft² | 013   | ٨ | ug/ft²              | 108.01   | 0.111 | *************************************** | Wipe       | Flame | 20061215PIK4 01 | 0720056 |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client, NYLAP Accreditation NVLAP, NIST, or any agency of the Federal Government.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AIHA (#8863), NVLAP (# 101143), & New York ELAP (#10920) Accredited Laboratory

All rights reserved. AMA Analytical Services, Inc.

Page I of 2 FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 1043 of 5269

# APA Analytical Services, Inc.

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

FOIA Requested Record #J-15-0085 (MD)
Released by National Guard Bureau
Page 1044 of 5269

Address: Client: 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation National Guard Bureau Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Number: Job Name: Not Provided Not Provided Pikesville Armory Pikesville Clear 4 Chain Of Custody: Person Submitting: Date Submitted: Date Analyzed: 150778 12/19/2006 12/19/2006 Report Date:

Summary of Atomic Absorption Analysis for Lead Page 2 of 2

04-Jan-07

Client Sample Zumber Analysis Type Sample Type Air Volume Area Wiped Reporting Final Result Comments

See QC Summary for analytical results of quality control samples

COPY

AMA Sample

Attention:

Number

Note: All samples were received in good condition unless otherwise noted Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420; Water. SM-31118 N/A = Not Applicable %Pb = percent lead by weight mg/Kg = parts per million (ppm) by weight mg/L = parts per million (ppm) ug = micrograms ug/L = parts per billion (ppb) associated with these samples.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

**BEST AVAILABLE** 

Analyst on-Responsi

Technical Manager:

on-Respons

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in northing and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in northing and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in northing and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in northing and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in northing the condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, and the condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, and the condition of apparently identical or similar products. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratorics, we expressly disclaim any knowledge and to NGB FOIA Reading Room

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by

All rights reserved. AMA Analytical Services, Inc.

NVLAP, NIST, or any agency of the Federal Government.



# AMA Analytical Services, Inc.



# QC Summary

Sample Delivery Group: 14169

|                                   | Analysis | Туре: | Flame               |        |                |
|-----------------------------------|----------|-------|---------------------|--------|----------------|
|                                   | Sample ' | Гурь: | Wipe                |        |                |
|                                   | Analysis | Date: | 12/19/2006          |        |                |
|                                   | К        | sult  | Percent<br>Recovery | מיזא   | Comment        |
| Proparation Glank                 | -0.030   | ррин  |                     |        | Acceptable     |
| Report Limit Verification Sample  | 0.2609   | ppin  | 78.3%               |        | Outside Limits |
| Expected Spike Level (ppm) 0.3333 |          |       |                     |        | •              |
| Duplicate Sample 1                | June 140 | mg/Kg |                     |        |                |
| Duplicate Sample 2                | #Num!    | mg/Kg |                     | #Eiror | #Error         |
| Metria Spike Austysis             |          |       |                     |        |                |
| Spiked Sample                     | •        |       | 85.37%              |        | Acceptable     |
| Spike Duplicate                   |          |       |                     |        | Acceptable     |
| Laboratory Control Sample 1       | 306,302  | μg.   | 92 21%              |        | Acceptable     |
| Laboratory Control Sample 2       | 301 350  | u.e   | 95.22%              | 3.14%  | Acceptable     |

### Calibration Information

Correlation of Calibration Curve: 0,999229

All calibration verification samples are within acceptance limits.

Notes:

Recovery for the Report Limit Verification Sample was 78.3%, below the lower control limit of 80%. A passing Report Limit Verification sample for wipe samples for this analysis date can be found with SDG 14166 (85.8% recovery).

## Samples included in this Sample Delivery Group (SDG)

| Chain Of Custo | dy AMA Sample Number | Client Sample Number |
|----------------|----------------------|----------------------|
| 150778         | 20056                | 20061215PIK4 OI      |
| 150778         | 20057                | 20061215PBC4 62      |
| SDG Number:    | 14169                |                      |

## Samples included in this Sample Delivery Group (SDG)

| Chain Of Custody | AMA Sample Number | Client Sample Number |
|------------------|-------------------|----------------------|
| 150778           | 20058             | 20061215PJK4 03      |
| 150778           | 20059             | 20061215PfK4-01      |
| 150778           | 20060             | 20061215PfK4 05      |
| 150778           | 20061             | 20061215PIK4 06      |
| L5077#           | 20062             | 20061215PtK4 07      |
| 150778           | 20063             | 20061215PIK4 08      |
| 150778           | 20064             | 20061215PIK4 09      |
| 15077&           | 20065             | 20061215PIK4-10      |
| 150778           | 20066             | 20061215PIK4-11      |
| 150778           | 20067             | 20061215PfK4-12      |
| 150778           | 20068             | 20061215PIK4-13      |
| 150778           | 20069             | 20061215PIK4 14      |
| 150778           | 20070             | 20061215PIK4-15      |
| 150778           | 20071             | 20061215P1K4-16      |
| 150778           | 20072             | 20061215P4K4-17      |
| 150778           | 20073             | 20061215PIK4-18      |

SDG Number:

14169

Page 2 of 2

AMA Analytical Services, Inc.

AIHA (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

www.amalab.com

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

150778

| 54.5         |                                        |                        |                                                            | r                | ,             |         |           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |          |                  |                                         |              |                                         |                    | BEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ГΑ                   | VAILABL                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                          |                                        |              |                       |                                                        | sywice.       | Kristija series                                                                                                                                        | 14                |                     |                     |                     |                       |                              |
|--------------|----------------------------------------|------------------------|------------------------------------------------------------|------------------|---------------|---------|-----------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------------|-----------------------------------------|--------------|-----------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------|----------------------------------------|--------------|-----------------------|--------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------|
| 4. Comments: | <ol><li>Results Reported To:</li></ol> | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY  1. Date/Time RCVD:                  | 20061215 PIKY 13 | ~~~           |         | ō         | 20061215AKY 09 | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3       | 06       | 20061215 PIKH 05 | 04                                      | # <i>0</i> 3 | 57                                      | 2006 1815 PIK 4 01 | CLIENT ID<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cuer (specify        | ☐ EPA Point Count ☐ NY State Friable ☐ Grav. Reduction ELAP 198.1 ☐ Other (specify                   | PLM Bulk    PLM Bulk   Plant   Perimate   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plant   Plan | Other (specify               | AHIERA                                                                                   | TEM Air - Please Indicate Filter Type: | ☐ NIOSH /400 | PC MCE Porosity       | Asbestos Analysis PCM Air Please Indicate Filter Type: | ☐ Verbals:    | UPlease include COC/field data Date & Time Results Required:                                                                                           | 5. Phone # 4/0 9: | 4. Address 3:       | 3. Address 2: Havre | 2. Address 1: 301 - | 1. Client Name: NGS   | Wailing/Rilling Information: |
| <b>%</b>     | eported To:                            | e Analyzed: / _        | LABORATORY STAFF ONLY: (CUSTODS)  1. Date/Time RCVD: 2 / 1 | Column 3         | Colors        | ا مسماع | 300×2     | 5112k 2        | Sc. 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Break 1 | £1.40    |                  | Well, Trac                              | D&C          | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Ficer              | INFORMATION INCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mary Magaini a tamys | (CLX)                                                                                                | stimate (OTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (QIX)                        | (QTY)                                                                                    | Filter Type:                           | (OTY)        | in a 25mm 37mm        | Filter Type:                                           | @ cell #      | sheets with re                                                                                                                                         | 942 0273          |                     | H.                  | 7 KRS RIO HI        | & Region Worth        | intion.                      |
|              |                                        | /@                     | 7<br>(G @[J]:>                                             | \ <u>\</u>       | State Control |         | On annice |                | - Anna Anna Anna Anna Anna Anna Anna Ann                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         | 2000     |                  |                                         |              |                                         | 12 115 4,44,1      | ON  VOLUME WIPE  DATE (LITERS) AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      | 30                                                                                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (QTY) TEM                    |                                                                                          |                                        | Carlo        |                       | TEN                                                    |               | Reporting                                                                                                                                              | ¤<br>#<br>        |                     | 2107.5              | 400                 | 14                    |                              |
|              | Via:                                   | By (Print):            | Via FO                                                     |                  |               |         |           |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |          |                  |                                         |              |                                         | 4.                 | PE ANALYSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | WALKIN V             | D EPA 100.1 (QTY)  All samples received in good condition unless otherwise noted.  TEM Water samples | ☐ ELAP 198.2/EPA 100.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TEM Water                    | <ul> <li>Quan. (s/area) Vacuum:D5755-95</li> <li>Quan. (s/area) Dust D6480-99</li> </ul> | ☐ Qual. (pres/abs) Vacuum/Dust.        | Residual Ash | ☐ NY State PLM/TEM_   | TEM Bulk                                               | Tax Copy:     | Reporting Information (Results will be provided as soon as technically feasible):  O SO Dimmd. 224br48br72br5 Day +Immd. After-Hours*24br After-Hours* | <u>0254</u> 5.    | 4.                  | 3                   | 2                   | <u>s</u>              | ç                            |
|              | Date:                                  | lon-                   | By (Pri-Respon                                             | sive             | 300,000       |         | W.c.Na.   |                | Audin 17th                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         | ,        |                  | PO IS DOC.                              |              | 1803.54 <b>3</b>                        | X                  | LEAD MOLD AIR BULK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 340                  | n good condition unless o                                                                            | 2(Q11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                                                                                          |                                        | (OTY)        | (QTY)                 |                                                        | @ fax #       | vill be provided as soo<br>ar □72hr □5 Day +                                                                                                           | Submitted by:     | Contact Person:     | ì                   | Ħ.                  | Job Name:@\kesviii    | Cubmittel Information.       |
|              |                                        | Sign:                  |                                                            |                  |               |         |           |                | 79304347                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         | Ontroppa |                  | against t                               |              |                                         | X                  | DUST MAIRIX STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPARTED STRANDER NO REPART |                      |                                                                                                      | Мо                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              | (QTX)                                                                                    | .(QTY)                                 |              |                       | Lea                                                    |               | on as technically feasible):<br>□Immd After-Hours* □2                                                                                                  |                   |                     |                     | /0                  | suilly Clear 4        |                              |
| N            | Time                                   | Re                     | spons                                                      | sive             |               |         |           | Date/Time:     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |          | Date/Time:       |                                         |              |                                         | Date/Time:         | SWAB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      | Surface Swab (C) Surface Tape                                                                        | Mold - Direct Microscopic Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dust Wipe Furnace (wipe type | ng Water                                                                                 | TCLP                                   | Air (Q       | Dust Wipe (wipe type) |                                                        | ☐ Email Copy: | sible):<br>∘* □24hr After-Hours                                                                                                                        | Signature:        | @ pl                | P.O. #              |                     |                       |                              |
|              | Initials:                              |                        |                                                            |                  |               |         |           | Contact:       | THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P |         |          | Contact:         | *************************************** |              |                                         | Contact:           | CLIENT CONTACT (LABORATORY STAFF ONLY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      | (QTY) □ Bulk(QTY)(QTY)□ Surface Vacuum Dust (QTY)□ Other (Specify)_                                  | Analysis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | wipe type)                   | (QTY)                                                                                    | (OTY)                                  | X)           | (CIY) 16              |                                                        |               | s* □Late-Night* (*must be pre-scheduleden by                                                                                                           |                   | phone # 410 942 027 |                     |                     |                       |                              |
|              |                                        |                        | Pd<br>Ma                                                   | stec             |               |         |           | BY:<br>DIA     | Rea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ding    | ı Ro     | om               |                                         |              |                                         | Bv:                | BEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ГΑ                   | QQ<br>QQ<br>VQ                                                                                       | E C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (0.00)<br>(0.00)             |                                                                                          |                                        |              | OTY<br>OIA I          | Requ<br>Rele                                           | Jeste<br>ase  | scheduled Re<br>I by N                                                                                                                                 |                   |                     |                     |                     | 5 (M<br>Bure<br>of 52 |                              |

# CHAIN OF CUSTODY

(Please Refer To This Number For Inquires)

150778

|              |                       |                        |                                                       |               |                    |          |                 |           |                  | BEST                                                | T AVAILABLE COPY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|-----------------------|------------------------|-------------------------------------------------------|---------------|--------------------|----------|-----------------|-----------|------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Comments: | 2 Damito              | 2. Date/Tim            | LABORATORY STAFF ONL  1. Date/Time RCVD               |               |                    |          | 20061215PIK4 18 | 26        | 2006 BISPIKY H   | CLIENT ID<br>NUMBER                                 | www.amalab.com  Mailing/Billing Information:  1. Client Name: NGB Regul 2. Address 1: 301-1H 012 3. Address 2: Havt & Gr. 4. Address 3: 410 942 027 5. Phone # 410 942 027 Client Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 6 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Required: 7 Date & Time Results Requ |
| us:          | 2 Beauty Reported To: | 2. Date/Time Analyzed: | LABORATORY STAFF ONLY: (CUSTODY)  1. Date/Time RCVD:/ |               |                    |          | BLANK           | SI ANY    | Floor antroom 12 | SAMPLE INFORMATION SAMPLE LOCATION DENTIFICATION DA | Corace HD  Corace HD  273  273  273  28 sheets with result  25mm 37mm  277  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)  (QTY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|              |                       | / @                    | )<br>                                                 |               |                    |          | V NA            | <b>7₽</b> | 2/5%             | ON VOLUME WIPE DATE (LITERS) AREA                   | 078.   114   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 942 4   110 9 |
|              | Via.                  | By (Print)             | Via                                                   |               |                    |          |                 |           |                  | ANALYSIS                                            | fion (Results  Z/24hr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|              | Date                  |                        | By (Print)                                            |               |                    |          |                 |           |                  | MOLD AIR BULK                                       | Submittal Information:  1. Job Name: P: Kesyill 2. Job Location: P: Kesy 3. Job #  4. Contact Person: 5. Submitted by:  2. Job Location: P: Kesy  3. Job #  4. Contact Person: 5. Submitted by:  6. COTY  6. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  1. COTY  |
|              |                       | Sign                   |                                                       |               |                    |          |                 |           | - X<br> -        | DUST MATRIX DUST MERCHANISMON SPORTS   PAPE         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|              | Ime.                  |                        | Sign:                                                 |               | Date/Time:         |          | Date/Time:      |           | Date/Time:       | SWAB                                                | O. #@ pho Signature: aff.Copy::  If Chip It Wipe (wipe type_t Wipe Wipe Type_t Wipe Wipe Wipe Wipe Wipe Wipe Wipe Wipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|              | Initials:             |                        |                                                       |               | Contact:           |          | Contact:        |           | Contact:         | CLIENT CONTACT (LABORATORY STAFF ONLY)              | Wight (*n                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|              | 8                     |                        |                                                       | to NG<br>2018 | B<br>Y<br>B FOIA R | eading F | By:             |           | Ву:              |                                                     | T AVAIGABLE CORY FOIA Requested Redord #J-15-0085 (MD) Released by National Guard Bureau Page 1048 of 5269                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

0718314 0718313

PIK-120706-012 PIK-120706-011

Flame Flame

Wipe

\*\*\* \* \* \* \*

0.11 0.11

108.01 108.01

Λ

110 110

.<u>ஆ</u>ர் ug/ft²

ug/ft²

# A Specialized Environmental Laboratory Analytical Services, Inc.

なる

ぴ 7

E CALL XCA

بتر ز

A,

Wayne 7

رميم

Requested Record #J-15-0085 (M Released by National Guard Burea Page 1049 of 5269

# CERTIFICATE OF ANALYSIS

|                | Havre de Grace, Maryland 21078 | 301-IH Old Bay Lane, Attn: NGB-AVN-SI, State Military Reservation | National Guard Bureau |
|----------------|--------------------------------|-------------------------------------------------------------------|-----------------------|
| P.O. Number:   | Job Number:                    | Job Location:                                                     | Job Name:             |
| Not Provided   | Not Provided                   | Not Provided                                                      | Pikesville Armory     |
| Date Analyzed: | Person Submitting:             | Date Submitted:                                                   | Chain Of Custody:     |
| 12/8/2006      | Non-Red                        | 12/8/2006                                                         | 148421                |

Report Date:

08-Dec-06

FOIA Requested Record #J-15-0085

Puge 1 of 3

Summary of Atomic Absorption Analysis for Lead

Address: Client

Attention:

| 0718303         PIK-120706-001         Flame         Wipe         ****         0.111         108.01         ug/s           0718304         PIK-120706-002         Flame         Wipe         ****         0.111         108.01         ug/s           0718305         PIK-120706-003         Flame         Wipe         ****         0.111         108.01         ug/s           0718306         PIK-120706-004         Flame         Wipe         ****         0.111         108.01         ug/s           0718307         PIK-120706-005         Flame         Wipe         ****         0.111         108.01         ug/s           0718308         PIK-120706-006         Flame         Wipe         ****         0.111         108.01         ug/s           0718310         PIK-120706-007         Flame         Wipe         ****         0.111         108.01         ug/s           0718311         PIK-120706-008         Flame         Wipe         ****         0.111         108.01         ug/s           0718311         PIK-120706-009         Flame         Wipe         ****         0.111         108.01         ug/s |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PIK-120706-001         Flame         Wipe         ****         0.111           PIK-120706-002         Flame         Wipe         ****         0.111           PIK-120706-003         Flame         Wipe         ****         0.111           PIK-120706-004         Flame         Wipe         ****         0.111           PIK-120706-005         Flame         Wipe         ****         0.111           PIK-120706-006         Flame         Wipe         ****         0.111           PIK-120706-008         Flame         Wipe         ****         0.111           PIK-120706-008         Flame         Wipe         ****         0.111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PIK-120706-001       Flame       Wipe       *****       0.111       108.01         PIK-120706-002       Flame       Wipe       *****       0.111       108.01         PIK-120706-003       Flame       Wipe       *****       0.111       108.01         PIK-120706-004       Flame       Wipe       *****       0.111       108.01         PIK-120706-005       Flame       Wipe       *****       0.111       108.01         PIK-120706-007       Flame       Wipe       *****       0.111       108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PIK-120706-001       Flame       Wipe       ****       0.111       108.01         PIK-120706-002       Flame       Wipe       ****       0.111       108.01         PIK-120706-003       Flame       Wipe       ****       0.111       108.01         PIK-120706-004       Flame       Wipe       ****       0.111       108.01         PIK-120706-005       Flame       Wipe       ****       0.111       108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PIK-120706-001       Flame       Wipe       ****       0.111       108.01         PIK-120706-002       Flame       Wipe       ****       0.111       108.01         PIK-120706-003       Flame       Wipe       ****       0.111       108.01         PIK-120706-004       Flame       Wipe       ****       0.111       108.01         PIK-120706-005       Flame       Wipe       ****       0.111       108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PIK-120706-001       Flame       Wipe       ****       0.111       108.01         PIK-120706-002       Flame       Wipe       ****       0.111       108.01         PIK-120706-003       Flame       Wipe       ****       0.111       108.01         PIK-120706-004       Flame       Wipe       ****       0.111       108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PIK-120706-001       Flame       Wipe       *****       0.111       108.01         PIK-120706-002       Flame       Wipe       ****       0.111       108.01         PIK-120706-003       Flame       Wipe       *****       0.111       108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PIK-120706-001 Flame Wipe **** 0.111 108.01 PIK-120706-002 Flame Wipe **** 0.111 108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PIK-120706-001 Flame Wipe **** 0.111 108.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Attention:

# AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

# CERTIFICATE OF ANALYSIS

Address: Client 301-IH Old Bay Lane, Ann: NOB-AVN-SI, Havre de Grace, Maryland, 21078 State Military Reservation National Guard Burcau

> Job Location: Job Name: Not Provided Pikesville Armory

Date Analyzed:

P.O. Number: Job Number:

Not Provided Not Provided

> Person Submitting Date Submitted:

Chain Of Custody:

148421

12/8/2006 2/8/2006

Report Date:

08-Dec-06

Requested Record #J-15-0085 (AP) Released by National Guard Bureau Page 1050 of 5269

FOIA Requested Record #J-15-0085

Summary of Atomic Absorption Analysis for Lead

Page 2 of 3

|   | 0             | 0             | 0                    | O.             | O.             | Q:             | 9              | o.                | O,             | o.                  | 0.                 | 0.             | 0.             | 0               | 9                          | Z A                     |
|---|---------------|---------------|----------------------|----------------|----------------|----------------|----------------|-------------------|----------------|---------------------|--------------------|----------------|----------------|-----------------|----------------------------|-------------------------|
|   | 0718337       | 0718336       | 718335               | 718334         | 0718333        | 718332         | 718331         | 718330            | 718329         | 118328              | 118327             | 118326         | 118325         | 18324           | 18323                      | AMA Sample<br>Number    |
|   | PIK-120706-B2 | PIX-120706-B1 | PIK-120706-033       | PIK-120706-032 | PIK-120706-031 | PIK-120706-030 | PIK-120706-029 | PIK-120706-028    | PIK-120706-027 | PIK-120706-026      | PIK-120706-025     | PIK-120706-024 | PIK-120706-023 | PJK-120706-022  | PIK-120706-021             | Client Sample<br>Number |
|   | Flame         | Flame         | Flame                | Flame          | Flame          | Flame          | Flame          | Flame             | Flanc          | Flame               | Plame              | Flame          | Hame           | Flame           | Flame                      | Analysis Type           |
|   | Wipe          | Wipe          | Wipe                 | Wipe           | Wipe           | Wipe           | Wipc           | Wipe              | Wipe           | Wipe                | Wipe               | Wipe           | Wipe           | Wipe            | Wipe                       | Sample Type             |
|   | ***           | ****          | 7 <del>1 4 4</del> 2 | **             | ***            | ***            | ***            | ***               | ***            | 444                 | ***                | ****           | ***            | ***             | * * .                      | Air Volume<br>(L)       |
|   | 0,111         | 0.111         | 0.111                | 0.111          | 111.0          | 0.111          | 0.111          | 0.111             | 111.0          | 0.111               | 0.111              | 0.111          | 0.111          | 0.111           | 0.111                      | Area Wiped<br>(ft²)     |
|   | 108.01        | 108.01        | 108.01               | 108.01         | 108.01         | 108.01         | 108.01         | 108.01            | 10.801         | 10,801              | 108.01             | 108.01         | 108.01         | 108.01          | 108.01                     | Repo<br>Li              |
|   | ug/ft²        | ng∕f£         | 13/8n                | n8/8₁          | ng/ft²         | π≅/ft²         | ng∕ft²         | ਸੰ <b>≶</b> /ਜਿੱਤ | ug/ਜ²          | rlb/fl <sup>2</sup> | ug/fi²             | ng/ft²         | ug/ft²         | ug/ft²          | ug/ft²                     | Reporting<br>Limit      |
|   | ٨             | ٨             | ٨                    | ٨              |                |                | ٨              | Ÿ                 | ^              | А                   | Α                  |                |                |                 |                            | -                       |
|   |               |               |                      |                | 24000          |                |                |                   |                |                     |                    |                |                |                 |                            | final Result            |
|   | ug/ft²        | սե/Ա          | ug/ft²               | ug/ft²         | ug/ft²         | Jan Call       | ug/ft?         | 11/Jan            | ug/ft²         | ug/ft²              | սք∕ <del>Ո</del> ւ | ug/ft= ~ Co \~ | ug/ft² / T     | ug/fis ノナバン     | 190N - Mgu                 | Ē                       |
|   |               |               |                      |                |                | 5              |                |                   |                |                     |                    | {<br>}         | 7              | 12 ( S. Fre     | up/r - Those by tock De DP | Comments                |
|   |               |               |                      |                |                |                | 2 7            |                   | p.             | от                  |                    |                | <b>.</b> F.    | ا<br>درد<br>درد | )<br>                      |                         |
| а | din           | g R           | oon                  | 1              |                |                | `              |                   | ΒE             | 31                  | AV                 | -\IL/          | чЦГ            | .E (            | UPY<br>—                   |                         |

applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services. Inc. liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation

# AMA Analytical Services, Inc. A Specialized Environmental Laboratory

1::

# CERTIFICATE OF ANALYSIS

;

Address: Client: State Military Reservation 301-JH Old Bay Lane, Attn: NGB-AVN-SI, National Guard Bureau Havre de Grace, Maryland 21078 Job Location: P.O. Number: Job Name: Job Number: Not Provided Not Provided Pikesville Armory Not Provided Date Submitted: Chain Of Custody: Date Analyzed: Person Submitting: 148421 12/8/2006 12/8/2006 Report Date:

Summary of Atomic Absorption Analysis for Lead

Attention:

AMA Sample Number Client Sample Analysis Type Sample Type Air Volume Area Wiped Final Result Comments

Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7421; Water: SM-3113B N/A = Not Applicable Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7420: Water: SM-3111B mg/Kg = parts per million (ppm) by weight \_\_mg/L = parts per million (ppm)

%Pb = percent lead by weight ug = micrograms ug/L = parts per billion (ppb)

Note: All results have two significant digits. Any additional digits shown Note: All samples were received in good condition unless otherwise noted should not be considered when interpreting the result.

Air and Wipe results are not corrected for any blank results

Analysts

Technical Manager:

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to dicorts, the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these Laboratorial is a partner of the public and these laboratorial is a partner of the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and the public and this report is submitted and accepted for the exclusive use of the elient to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledges and locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledges and other persons and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledges.

4475 Forbes Blvd. • Lanham, MD 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643 An AHIA (#8863), NYLAP (#101143), & New York ELAP (#10920) Accredited Laboratory NVLAP, NIST, or any agency of the Federal Government.

highlity for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NYLAP Accredication applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AHERA air samples. This report must not be used to claim, and does not imply product certification, approval, or endorsement by All rights reserved. AMA Analytical Services, Inc.

BEST AVAILABLE COPY

See QC Summary for analytical results of quality control samples associated with these samples.

08-Dep-06 Page 3 of 3 Requested Record #J-15-0085 (Man Released by National Guard Bureau Page 1051 of 5269 FOIA Requested Record #J-15-0085

| ,                                                                                            |                                                    |                                                    |                                                   | BEST AVAILABLE COPY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Date/Time RCVD: 6 / 8 / 06.  2. Date/Time Analyzed: 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6 | 71K-120706-010<br>71K-120706-013<br>71K-120706-015 | 71K-120706-006<br>71K-120706-006<br>71K-120706-009 | PIK-120706-001<br>PIK-20706-003<br>PIK-120706-003 | AIHA (#100470) NVILAP (#101143-0) NY ELAP (10920)  4475 Forbes Blvd. • Lanham, MD 20706  (301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643  www.arnalab.com  Mailing/Billing Information: 1. Client Name: Mational Gas & Burgel 2. Address 1: 301-11 Old Bay Gase 3. Address 2: Have decree MD  4. Address 3: 410-941-92 decree MD  5. Phone # 410-941-92 decree MD  6. Phone # 410-941-92 fax # 410  Delease include COC/field data sheets with results  Date & Time Results Required: 12/11/1/20@ Coffeeld data sheets with results  Date & Time Results Required: 12/11/1/20@ Coffeeld data sheets with results  Date & Time Results Required: 12/11/1/20@ Coffeeld data sheets with results  Date & Time Results Required: 12/11/1/20@ Coffeeld data sheets with results  PC MGE Porosity in a 25mm 37mm  DNOSH 7400 (QTY)  U Fiberglass: (QTY)  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))  D Other (specify (QTY))                                                                                                                                                                                                                                                                                                                                    |
| @ By (Print): Date:                                                                          |                                                    |                                                    | **************************************            | Submittal Information:  1. Job Name: **  2. Job Location: **  3. Job #:  4. Contact Perso  5. Submitted by:  4. Contact Perso  6. Contact Perso  7. Submitted by:  9. Submitted by:  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  1. Job Name: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. Job Location: **  2. |
|                                                                                              | ponsive posted to NGB For ay, 2018                 | Contact:                                           | Date/Time: Contact: By:  Date/Time: Contact: By:  | This 14842:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Released by National Guard Bureau Page 1052 of 5269



**AMA Analytical Services, Inc.**Alha (#100476) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643 www.amaiab.com

Mailing/Billing Information:

Client Name: Nations

1-10H

de otre 010

21078

X-BS

Sar Ray

Phone #:

410-942-0273 Fax#

410-942-02545

Address 3: Address 2: Address I:\_

# CHAIN OF CUST

| M(QTY)                                                                    | ts will be provided as soon as technical 48hr □72hr □5 Day + □lmmd. After @ fax # | <ol> <li>Job #.</li> <li>Contact Person</li> <li>Submitted by:</li> </ol> | Submittal Information:    Job Name:   Fixes will Armory   (Missing Part of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Co | OF CUSTODY                                    |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Lead Analysis  Depart Chip(QTY)  Paint Wipe (wipe type Crips + ) 3( (QTY) | ily feasible):<br>-Hours* □24hr After-Hours* □Late-l                              | P.O. #. © phone # . Signature:                                            | Armory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (Please Refer To This<br>Number For Inquires) |
| FOIA Re                                                                   | Vight* (*must be pre-scheduled) d R quested by                                    | Lecord #J-National (Page                                                  | 15-0085 (Mi<br>Guard Burer<br>1053 of 520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14842 <b>2</b>                                |

| <ol><li>Results Reported To:</li></ol> | <ol><li>Date/Time Analyzed:</li></ol> | LABORATORY STAFF ONLY: (CUSTODY)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 77- 2070s-026 | PK-DOMO DE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RK-120701-024 | PIK-1 36766-023 | 7K-20 26-022 | DIV 120701-0-23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11K-12mm-020 | PIK-120706-019 | 810-9020F-XIA | PIK-120706-017 | PIK-00706-01A | 7K-120706-015 | 6-04       | CLIENT ID SAMPLE LOCATION NUMBER IDENTIFICATION | Other (specify SAMPLE INFORMATION | Grav. Reduction ELAP 198.1 |                                                                | D EPA Point Count (OTY)   | PLM Bulk               | DOBER (SECTION )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (Q)                          | PC MCE Porosity in a 25mm 37mm | Fiberglass (QTY) |              | PCM Air - Picase Indicate Filter Type: PC MCE Porosity in a 25mm 37mm | Asbestos Analysis         | ☐ Verbals: @ cell # | OPlease include COC/field data sheets with results  Reporting information (Kesults will be provided as soon as rectification)  Place & Time Results Required: 10/11 / NO @ 900 □   Immed □24hr □ 72hr □ 5 Day + □ Immed After Hows* □ 2 |
|----------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|---------------|----------------|---------------|---------------|------------|-------------------------------------------------|-----------------------------------|----------------------------|----------------------------------------------------------------|---------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|------------------|--------------|-----------------------------------------------------------------------|---------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | //                                    | TSTODY Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                |               |                |               |               | SA PO      | ATION DATE (LITERS)                             | ORMATION                          | (QTY)                      |                                                                |                           |                        | (ALO)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              | 7mm                            |                  |              | 7mm                                                                   |                           |                     | with results Repor                                                                                                                                                                                                                      |
|                                        | ®By (Print):                          | @ GOD Via: Drop Off By (Print)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | *             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                |               |                |               |               | 474        | AREA TEM                                        | AN                                | (TEM Water samples _       | All samples recei                                              | □ EPA 100.1               | ☐ ELAP 198,2/EPA 100.2 | TEM Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quan. (s/area)Dust D6480-99. | Quan. (s/area) Vacuum D5755-95 | DEM Dust         | Residual Ash | ☐ NY State PLM/TEM_                                                   | TEM Bulk                  | Cl Fax Copy:        | ting Information (Resu                                                                                                                                                                                                                  |
| Via:Date:                              | N                                     | Off By (Print): on-Respo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | nsive         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                |               |                |               |               | K          | MOL                                             | D                                 | ්ුී                        | All samples received in good condition unless otherwise noted. | (QTY)                     | 100.2 (QTY)            | )<br>The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the |                              | cuum D5755-95                  |                  | (SLZ)        |                                                                       | COTY)                     | @ fax #             | lts will be provided as s  ]48hr □72hr □5 Day                                                                                                                                                                                           |
|                                        |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                |               |                |               |               | *          | BUL DUS WATER AND OTHER SPORTERAL               | - MATRIX                          |                            | s otherwise noted,                                             |                           |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -(QTY)                       | (QTY)                          | OTV              |              |                                                                       |                           |                     | + Immd. After-Hours                                                                                                                                                                                                                     |
| time:                                  | Non                                   | Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signature Signat | 1SIV          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                 | Date/Time:   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                | Date/Time:    |                |               |               | Date/Time: | TAP.                                            | _                                 |                            | Surface Tape (                                                 |                           | Š                      | The fundament of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of t   | Waste Water                  | g Water                        |                  | Air (Q1Y)    | (wipe ty                                                              | Lead Analysis  Paint Chip | La Email Copy:      | sible):<br>s* []24hr After-Hours*                                                                                                                                                                                                       |
| sienum                                 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | PARTIES OF THE POOR SOUTH PROPERTY AND ADDRESS OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF THE PARTIES OF T |               |                 | Contact:     | The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s |              |                | Contact:      |                |               |               | Contact:   | LABORATORY STAFF ONLY)                          | CLIENT CONTACT                    | •                          | (QTY) Other (Specify——                                         | (OTY) Surface Vacuum Dust | ;                      | [pc () pc//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (017)                        | (QTY)                          | OTY ?            | (C)          | Emst Ja                                                               | L(OTY)                    |                     | Information (Results will be provided as soon as technically feasible): □Immd. □Zhir □48hr □72hr □5 Day + □Immd. After-Hows* □24hr After-Hows* □Late-Night* (*must be pre-scheduled)                                                    |
| usi                                    |                                       | Post                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | i de          | to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IGR           |                 | By:          | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ding         |                | By:           | ;              |               |               | By:        | EX)                                             | ST                                | ΑV                         | Ĭ                                                              | oust (OTAB                | ;<br>IF(               | COH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | OTY                          |                                |                  |              | (QTT)                                                                 | Λ D                       |                     | pre-scheduled)                                                                                                                                                                                                                          |

Comments:

May, 2018